IDAHO NATIONAL ENGINEERING and ENVIRONMENTAL LABORATORY SITE TREATMENT PLAN

CONTENTS

TABLES

ACRONYMS

a-LLW	alpha low-level waste
a-MLLW	alpha mixed low-level waste
ACL	Analytical Chemistry Laboratory (ANL-W)
ADS	Activity Data Sheet
AEA	Atomic Energy Act
ALHC	Analytical Laboratory Hot Cell (ANL-W)
AMWTP	Advanced Mixed Waste Treatment Project
ANL-W	Argonne National Laboratory-West
APS	Atmospheric Protection System
ARA	Auxiliary Reactor Area
ARG-W	DOE Chicago Argonne Group-West
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
CH	contact handled
CMT	commercial mercury treatment
CPP	Chemical Processing Plant
CSSF	calcine solids storage facility
D&D	decontamination and decommissioning
DEQ	Division of Environmental Quality
DOE	Department of Energy
DOE-CH	Department of Energy Chicago Operations Office
DOE-HQ	Department of Energy-Headquarters
DOE-ID	Department of Energy Idaho Operations Office
DRC	Dispute Resolution Committee
EBR-I	Experimental Breeder Reactor I
EBR-II	Experimental Breeder Reactor II
EDTA	ethylenediaminetetraacetic acid
EFL	estimated failure level
EM	Environmental Management
EPA	Environmental Protection Agency
ER	environmental restoration
ETR	Experimental Test Reactor

FCF	Fuel Cycle Facility
FFC	Federal Facility Compliance (Act)
FMF	fuel manufacturing facility
FY	fiscal year
GTP	generator treatment plan
GWTF	Groundwater Treatment Facility
HEPA	high-efficiency particulate air (filter)
HFEF	Hot Fuel Examination Facility
HLLW	high-level liquid waste
HLLWE	High-Level Liquid Waste Evaporator
HLW	high-level waste
HTRE-3	Heat Transfer Reactor Experiment No. 3
HWMA	Hazardous Waste Management Act
IBC	interbuilding cask
IBO	Idaho Branch Office
ICP	inductively coupled plasma
ICPP	Idaho Chemical Processing Plant
IDAPA	Idaho Administrative Procedures Act
IDHW	Idaho Department of Health and Welfare
IET	Initial Engine Test
INEEL	Idaho National Engineering and Environmental Laboratory
INTEC	Idaho Nuclear Technology and Engineering Center
IPA	isopropyl alcohol
ISV	in situ vitrification
LCAM	Life Cycle Asset Management
LDR	land disposal restriction
LET&D	liquid effluent treatment and disposal
LLM	low-level mixed
LLMW	low-level mixed waste
LLW	low-level waste
LSA	low specific activity (waste)
MIS	Mare Island Naval Shipyard
MLLW	mixed low-level waste
MTR	Materials Test Reactor

MTRU	mixed transuranic (waste)
MW	mixed waste
MWIR	Mixed Waste Inventory Report
MWSF	Mixed Waste Storage Facility
NA	not applicable
NE	nuclear engineering
NEPA	National Environmental Policy Act
NRC	Nuclear Regulatory Commission
NRF	Naval Reactor Facility
NWCF	New Waste Calcining Facility
OMB	Office of Management and Budget
PCB	polychlorinated biphenyl
PCE	perchloroethylene
PEW	process equipment waste
PPE	personal protective equipment
PVC	polyvinyl chloride
PWTU	Portable Water Treatment Unit
Q	quarter
R&D	research and development
RCRA	Resource Conservation and Recovery Act
RFP	Request for Proposal
RH	remote handled
RHIF	Remote Handled Immobilization Facility
RTF	Remote Treatment Facility
RWMC	Radioactive Waste Management Complex
SAPC	safe agitene parts cleaner
SCDF	Subtitle C Disposal Facility
SCMS	Sodium Component Maintenance Shop
SPF	Sodium Process Facility
SREX	strontium extraction
STP	Site Treatment Plan
SVA	Sorrento Valley, Building A
SWEPP	Stored Waste Examination Pilot Plant
TAN	Test Area North

TBD	to be determined
TCA	trichloroethane
TCE	trichloroethylene
TCLP	toxicity characteristic leaching procedure
TRA	Test Reactor Area
TRU	transuranic (waste)
TRUEX	transuranic extraction
TSCA	Toxic Substances Control Act
USC	United States Code
VOC	volatile organic compound
WAC	waste acceptance criteria
WAP	Waste Analysis Plan
WCF	Waste Characterization Facility
WERF	Waste Experimental Reduction Facility
WIPP	Waste Isolation Pilot Plant
WROC	Waste Reduction Operations Complex

NOMENCLATURE

CO_2	carbon dioxide
gal/day	gallons per day
Hg	mercury
m^3	cubic meters
m^3/yr	cubic meters per year
lb/hr	pounds per hour
Na	sodium
NaK	sodium potassium
Na_2CO_3	sodium carbonate
NaOH	sodium hydroxide
nCi	nanocuries
nCi/g	nanocuries per gram
NO_X	nitrogen oxide
pH	acidity
ppm	parts per million
tons/yr	tons per year
wt%	weight percent

IDAHO NATIONAL ENGINEERING and ENVIRONMENTAL LABORATORY SITE TREATMENT PLAN

1. PURPOSE AND SCOPE

1.1 History

The United States Department of Energy (DOE) is required to prepare a plan for developing treatment capacities and technologies for each facility at which DOE generates or stores mixed waste, pursuant to Section 3021(b) of the Resource Conservation and Recovery Act (RCRA), 42 United States Code (USC) 6939c(b), as amended by Section 105(b) of the Federal Facility Compliance Act, Pub. L. 102-386 (1992) (FFC Act). Upon submission of the Idaho National Engineering and Environmental Laboratory (INEEL) plan to the appropriate regulatory agency—the Idaho Department of Health and Welfare (IDHW), Division of Environmental Quality (DEQ)—the FFC Act requires the DEQ to solicit and consider public comments, and approve, approve with modification, or disapprove the plan within six months. The regulatory agency is to consult with the Environmental Protection Agency (EPA) and any state in which a facility affected by the plan is located. Upon approval of a plan, the regulatory agency must issue an order requiring compliance with the approved plan.

1.2 Description of Plan

DOE has prepared this Site Treatment Plan (STP) for mixed waste at the INEEL, which identifies how DOE proposes to treat INEEL's mixed waste with existing technologies or develop technologies where technologies do not exist or need modification.

1.3 Purposes

The purposes of this STP include:

1.3.1 Fulfilling the requirements of the FFC Act

1.3.2 Establishing an enforceable framework in conjunction with the Consent Order in which DOE will develop treatment capacities and technologies and treat or otherwise meet RCRA land disposal restrictions (LDRs) for all covered LDR mixed wastes currently in storage and to be generated or received in the future

1.3.3 Allowing for storage of current and projected covered LDR mixed wastes at the INEEL during the implementation and term of this STP and Consent Order.

1.4 Statutory and Regulatory Requirements

1.4.1 This STP is the statutorily required document described in the FFC Act Section 105(b) as a "plan for developing treatment capacities and technologies" to treat mixed waste at the INEEL pursuant to EPA standards promulgated pursuant to Section 3004(m) of RCRA. This STP is also discussed by DOE in the Publication Schedule for Submitting Plans for Treating Mixed Waste Generated or Stored at Each Site as Required by the Federal Facility Compliance Act of 1992, 58 Federal Register 17875 (April 6, 1993). This STP provides overall schedules with milestones and planning dates for achieving compliance with LDRs, a general framework for establishment and review of milestones and planning dates and the conversion of planning dates into milestones, and other provisions for implementing the DEQ-approved STP enforced under the Consent Order.

1.4.2 This STP and Consent Order fulfill the requirements contained in the FFC Act, RCRA Section 3021 and the Idaho Hazardous Waste Management Act (HWMA). Storage of covered waste at the INEEL, pending the development of treatment capacities and technologies and completion of LDR requirements pursuant to the STP, shall be considered in compliance with this STP, Consent Order, and applicable RCRA and HWMA requirements.

1.5 Definitions

Except as provided below or otherwise explicitly stated herein, the terms used in the STP shall have the same meaning as used in the HWMA, Idaho Administrative Procedures Act (IDAPA) 16.01.05.000 et seq., RCRA, and the EPA Rules and Regulations, 40 Code of Federal Regulations (CFR) Parts 124, 260 through 268, and 270.

Atomic Energy Act or AEA: The Atomic Energy Act of 1954, as amended, 42 USC § 2011 et seq.

Authorized Representative: Any person including a contractor or subcontractor who is specifically designated by a Party to act on behalf of that Party in any capacity, including an advisory capacity.

Consent Order or Order: The document to which this approved STP is appended.

Covered Waste: Mixed waste covered by the STP, as described in Subsection 2.1 of the STP. The term includes new mixed waste streams included pursuant to the notice provision of Subsection 2.4 of the STP, entitled "Inclusion of New Mixed Waste Streams." The term does not include mixed waste excluded from coverage by Subsections 2.4.4 or 2.8.7 of the STP.

Days: Calendar days, unless otherwise specified. Any submittal under the terms of the STP that would be due on a Saturday, Sunday, or a state or federal holiday shall be due the following business day.

Deliverable: Any written document that is to be placed into a method of delivery (e.g., in the U.S. Mail) in satisfaction of milestones or other requirements under this STP or the Consent Order.

Department or IDHW: The State of Idaho Department of Health and Welfare, successor agencies, employees, and authorized representatives.

Division of Environmental Quality or DEQ: The Idaho Department of Health and Welfare, Division of Environmental Quality, successor agencies, employees, and authorized representatives.

DOE: The United States Department of Energy, including headquarters (DOE-HQ), the Idaho Operations Office (DOE-ID), the Argonne Group-West (ARG-W) of the Chicago Operations Office (DOE-CH), the Idaho Branch Office-Naval Reactors (IBO), and any of DOE's contractors and subcontractors at any tier, successor agencies, employees, and authorized representatives.

EPA: The United States Environmental Protection Agency, including Region 10, and any of its successor agencies, employees, and authorized representatives.

Fiscal Year or FY: October 1 of one calendar year through September 30 of the following calendar year. For example, Fiscal Year (FY) 1994 encompasses October 1, 1993, through September 30, 1994.

High-Level Waste or HLW: The term high-level waste or HLW shall have the meaning as set for high-level radioactive waste in DOE Order 5820.2A or any successor DOE orders or amendments. Under current DOE Order 5820.2A, HLW is waste material that results from the reprocessing of spent nuclear fuels, including the liquid waste produced directly in the reprocessing, and any solid waste derived from the liquid that contains a combination of transuranic waste and fission products at concentrations requiring permanent isolation.

HWMA: The Idaho Hazardous Waste Management Act of 1983, as amended, Idaho Code §§ 39-4401 to 4432 and its implementing rules in IDAPA 16.01.05.000 to .05.999.

INEEL: The Idaho National Engineering and Environmental Laboratory, including facilities and installations in or near Idaho Falls, Idaho and at the Site.

INEEL Site or Site: The site described in 54 Federal Register 48184 (November 21, 1989).

Land Disposal Restrictions or LDR: The limitations on land disposal and storage of waste set forth in IDAPA §§ 16.01.05.011 (RCRA, 42 USC § 6924; 40 CFR Part 268).

LDR Mixed Waste: Mixed waste that is restricted from one or more methods of land disposal or storage under IDAPA § 16.01.05.011 (RCRA, 42 USC § 6924; 40 CFR Part 268).

LDR Requirement or Standard: The level(s) or method(s) of treatment or management specified in IDAPA § 16.01.05.011 (40 CFR Part 268) for a waste subject to the land disposal or storage restriction under Section 3004 of RCRA (42 USC 6924).

LDR Waste: Waste subject to the requirements of the land disposal and storage restrictions of IDAPA § 16.01.05.011 (40 CFR Part 268).

Milestone: Fixed, firm, and enforceable date as set forth in this STP and Consent Order.

Mixed Waste: Waste that contains both hazardous waste and source, special nuclear, or by-product material subject to the Atomic Energy Act of 1954. 42 USC § 2011 et seq.; RCRA, 42 USC § 6903(41).

Mixed Low-Level Waste or MLLW: The term mixed low-level waste or MLLW shall mean waste that contains both low-level radioactive waste or low-level waste (LLW) (source, special nuclear or by-product material subject to the Atomic Energy Act of 1954, 42 USC § 2011 et seq.) and hazardous waste. The low-level radioactive waste component of the MLLW shall have the same meaning as given to "low-level waste" in DOE Order 5820.2A (i.e., currently defined in the order as "Waste that contains

radioactivity and is not classified as high-level waste, transuranic waste, or spent nuclear fuel or 11e(2) by-product material as defined by this Order. Test specimens of fissionable material irradiated for research and development only, and not for the production of power or plutonium, may be classified as low-level waste, provided the concentration of transuranic is less than 100 nCi/g.") or any successor DOE orders or amendments.

New mixed waste stream: Mixed waste generated onsite from a new or unique activity or generated offsite not previously identified by an identification number and name in Section 4, “Covered Waste,” of the STP.

NEPA: The National Environmental Policy Act (NEPA), 42 USC § 4321 et seq., the Council on Environmental Quality regulations implementing NEPA (40 CFR parts 1500–1508), and the U.S. Department of Energy's rules and regulations implementing that statute (10 CFR Part 1021).

Offsite: Any facility or installation other than the **INEEL**.

Onsite: The **INEEL**, as that term is defined in this definition section.

Planning Date: The anticipated completion date of tasks that have not been designated as milestones and that refer to events occurring beyond the DOE three-year budget cycle planning period. Planning dates are not requirements and are not enforceable.

Project Manager: Any official designated pursuant to Section 2.10, "Project Manager," of the STP to coordinate, monitor, or determine actions required by the STP or Consent Order.

Radionuclide Separation: For the purposes of the STP, the term "radionuclide separation" shall mean the segregation of the radioactive portion of the mixed waste from the hazardous portion of the mixed waste and may include storage (not RCRA treatment) of mixed waste for the purposes of allowing for radioactive decay of the radioactive portion of the mixed waste to facilitate proper recovery, treatment, or disposal in compliance with RCRA Section 3004(j).

RCRA: The Resource Conservation and Recovery Act (the Solid Waste Disposal Act), 42 USC § 6901 et seq., as amended by the Hazardous and Solid Waste Amendments of 1984, Pub. L. No. 98-616, 98 Stat. 3221 (1984), and the Federal Facility Compliance Act of 1992, Pub. L. No. 102-386, 106 Stat. 1505 (1992).

Site Treatment Plan or STP: This plan for developing mixed waste treatment technologies and capacities for **INEEL** covered waste, as approved by DEQ pursuant to the FFC Act of 1992, Pub. L. No. 102-386, 106 Stat. 1505 (1992).

Storage: The term shall have the meaning set forth in Section 1004(33) of RCRA (42 USC § 6903[33]), 40 CFR § 260.10, and IDAPA 16.01.05.000 et seq., the holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.

Transuranic Waste or TRU Waste: The term shall have the meaning set forth in Section 11(ee) of the Atomic Energy Act of 1954, as amended, 42 USC § 2014(ee) and DOE Order 5820.2A (currently defined in the order as "radioactive waste that contains greater than 100 nCi/g of isotopes with atomic numbers greater than 92 and half-lives greater than 20 years") or any successor DOE orders and amendments.

2. IMPLEMENTATION OF THE SITE TREATMENT PLAN

This section establishes the mechanisms and procedures for administering and implementing the treatment plans and schedules set forth in Section 5.

2.1 Covered Matters

The STP and Consent Order address LDR requirements pertaining to storage and treatment of covered wastes, whether such wastes were generated or accumulated in the past, present, or future during the pendency of the STP and implementing Consent Order. Covered wastes are those mixed wastes at the INEEL identified in Section 4 of the STP or added to the STP in accordance with Section 2.4, "Inclusion of New Mixed Waste Streams," set forth below, except those mixed wastes that meet regulatory requirements.

2.2 Compliance Schedules

2.2.1 The STP provides overall schedules for achieving compliance with LDR requirements for mixed wastes at the INEEL. The schedules include those activities required to bring existing waste treatment facilities or technologies into operation and those required to develop new facilities and capacity for treatment. The STP schedules show milestones and planning dates for treatment technologies and facilities for covered wastes.

2.2.1.1 For the purposes of the STP, milestones and planning dates shall identify dates or time frames by which a certain activity (including an event such as submittal of a deliverable) is scheduled to occur.

2.2.1.2 Milestones are fixed, firm, and enforceable dates as set forth in the STP. Milestones correspond to the categories of milestones set forth in Section 2.2.3. Extensions or Revisions to milestones are subject to approval, approval with modifications, or disapproval by the DEQ according to the process and framework set forth in this STP. Milestones are set based on planning dates, in

accordance with the process in Section 2.2.2.

2.2.1.3 Planning dates are estimated events beyond the DOE three-year budget cycle planning period. Planning dates are not enforceable requirements. Planning dates shall be converted to milestones in accordance with Section 2.2.2. DOE may, by written notification to DEQ, extend a planning date up to a total of one year. Cumulative extensions of greater than one year to any planning date require approval by the DEQ and are subject to the Revision procedures (Section 2.5) of this STP.

2.2.2 Milestones and Planning Dates

2.2.2.1 For the purposes of this STP, milestones shall identify specific dates in a three-year rolling period consisting of the current fiscal year (FY) plus two additional fiscal years (FY+1 and FY+2) by which a certain activity (including an event such as submittal of a deliverable) is scheduled to occur and which will be enforceable as set forth in this STP. Planning dates are dates that are outside the three-year rolling period (e.g., FY+3, FY+4) and that are unenforceable estimated schedule dates.

2.2.2.2 Milestones will be established for a three-year period consisting of the current fiscal year plus two additional fiscal years (FY+1 and FY+2) as follows:

2.2.2.2.1 On the effective date of this STP and Consent Order, enforceable milestones are established for a three-year period. Additionally, planning dates are established for the outlying fiscal years. Subsequently, after expiration of a fiscal year, FY+1 milestones shall be converted to current fiscal year milestones. FY+2 milestones shall be converted to FY+1 milestones. The FY+3 planning dates shall be converted to FY+2 milestones. All conversions will be automatic and remain in effect, unless DOE notifies the DEQ of any proposed changes. Such changes may be made necessary as DOE identifies milestones and planning dates, which cannot be accomplished within available funding levels. Notification of proposed changes to current year milestones (and any adjustments to affected milestones or planning dates) under this paragraph will be submitted in accordance with the applicable provisions of this STP, including (as appropriate) Section 2.14 (Modification), 2.5 (Revisions) or 2.6 (Extensions) within 45 days of DOE-ID, ARG-W, and IBO receiving their approved fiscal year funding allocation from DOE-HQ. Notification of proposed changes to FY+1 and FY+2 milestones (and any adjustments to affected

milestones or planning dates) under this paragraph may be submitted in accordance with the applicable provisions of this STP, including 2.14 (Modification), 2.5 (Revisions) or 2.6 (Extensions) within a reasonable period after DOE-ID receives the President's budget request (for FY+1 milestones) and the Office of Management and Budget (OMB) target level funding (for FY+2 milestones). Nothing in this section precludes DOE from proposing or requesting changes to milestones or planning dates at other times. All proposed changes to milestones are subject to Section 2.8, "Funding," and where the Parties cannot agree, to Section 2.9, "Disputes."

2.2.2.2.2 In establishing and adjusting milestones and planning dates pursuant to this section, the following, at a minimum, will be considered: (a) funding availability as it is appropriated by Congress, and the amount of funds provided to the INEEL by DOE in its Approved Funding Programs for the current fiscal year for waste management activities and the President's budget for the next fiscal year (FY+1) and associated outyear funding targets for environmental management for the INEEL; (b) Sitewide waste management priorities; (c) cost estimates; (d) new or emerging technologies; and (5) other new STP information.

2.2.2.3 Schedule dates shall be identified by reference to fiscal year quarters and the specific date of the milestone or planning date shall be the last day of the quarter identified. The first quarter or "1Q" shall have December 31 as its corresponding specific date. The second quarter or "2Q" shall have March 31 as its corresponding specific date. The third quarter or "3Q" shall have June 30 as its corresponding specific date. The fourth quarter or "4Q" shall have September 30 as its corresponding specific date.

2.2.3 Categories of Milestones and Planning Dates

The categories of activities for which milestones and planning dates will be provided are the different types of treatment approaches in the STP and are listed in Tables 2-1 through 2-3 and in other provisions below. The categories of activities are based on Section 3021(b)(1)(B)(i), (ii) and (iii) of RCRA, as appropriate.

2.2.3.1 Plan Where Treatment Technologies Exist (RCRA Section 3021[b][1][B][i]). For identified and developed treatment technologies for waste that will be treated onsite, the milestones and planning dates identified in Section 5.1, "Schedules for Treatment Facilities for Which Technology Exists," shall apply. When submitting new schedules under this subsection to DEQ for approval, DOE shall propose appropriate milestones and planning dates from the categories of milestones in Table 2-1.

Table 2-1. SCHEDULE FOR WASTES WITH EXISTING TREATMENT TECHNOLOGIES.

Categories of Milestones/Planning Dates:
(a) Submit RCRA permit applications to the DEQ
(b) Procure contracts
(c) Initiate construction
(d) Conduct systems testing
(e) Commence operations
(f) Submit for approval a schedule for processing backlogged and currently generated mixed wastes

2.2.3.2 Plan Where Technologies Must Be Developed (3021[b][1][B][ii]). For some mixed wastes at the INEEL, treatment technologies either have not been identified and/or developed or treatment technologies must be modified or adapted to be made applicable to INEEL mixed waste. For these wastes that will be treated onsite, the milestones and planning dates identified in Section 5.2, "Schedules for Treatment Facilities for Which Technology Exists but Needs Adaptation, or for Which No Technology Exists," shall apply. When submitting new schedules under this subsection to DEQ for approval, DOE shall

propose appropriate milestones and planning dates from the categories of milestones in Table 2-2.

Table 2-2. SCHEDULE FOR MIXED WASTE WITHOUT EXISTING TREATMENT TECHNOLOGIES.

Categories of Milestones/Planning Dates:
(a) Identify funding requirements for identification and development of technology
(b) Identify and develop technology
(c) Submit treatability study exemptions
(d) Submit R&D (RD&D) permit applications
(e) Submit schedule for treatment in accordance with Table 2-1 or new schedule for development of alternative treatment technologies in accordance with this section.

2.2.3.3 Requirements Pertaining to Radionuclide Separation (RCRA Section 3021[b][1][B][iii]). The FFC Act sets additional requirements in cases where DOE intends to conduct radionuclide separation of mixed waste. No current plans exist to separately conduct radionuclide separation of mixed wastes generated or stored at the INEEL. Should DOE determine to conduct radionuclide separation of such mixed wastes, DOE will provide for such wastes, which will be treated onsite, those milestones and planning date categories for submitting the required information as identified in Table 2-3, "Schedule for Radionuclide Separation of Mixed Wastes," as follows:

Table 2-3. SCHEDULE FOR RADIONUCLIDE SEPARATION OF MIXED WASTES.

Categories of Milestones/Planning dates:
(a) Submit estimation of the volume of waste generated by each case of radionuclide separation
(b) Submit estimation of the volume of waste that would exist or be generated without radionuclide separation
(c) Submit estimation of the costs of waste treatment and disposal if radionuclide separation is used and compared to the estimated costs if it is not used
(d) Submit assumptions underlying such waste volume and cost estimates

2.2.3.4 Plan for On-Site Mixed Waste Streams to be Treated Off-Site. For on-Site mixed waste that will be treated off-Site, milestones and planning dates are identified in Section 5.3, "Schedules for Mixed Waste Streams Planned for Treatment Offsite." The final enforceable milestone for waste treatment of such waste under the STP shall be shipment to an off-Site treatment facility. Residuals from the treatment of such waste may be returned to the INEEL for storage pending disposal. DOE shall report information in the Annual STP Report of all waste shipments off-Site to both DOE and commercial facilities for purposes of waste inventory review.

2.2.3.5 Plan for Mixed Waste Streams from Off-Site to be Treated On-Site. For mixed waste from off-Site DOE facilities to be treated at the INEEL as identified in Section 4.4, milestones and planning dates are identified in Section 5. Off-Site waste shall not be stored or disposed at the INEEL prior to or following treatment except as specifically approved by the DEQ, provided, however, DOE has specifically reserved its rights as provided in Paragraph 5.4 of the Consent Order incorporating this STP.

2.2.3.6 Plan for On-Site Mixed Transuranic Waste. For on-Site mixed transuranic waste, to be shipped to the Waste Isolation Pilot Plant (WIPP), the requirements, milestones and planning dates are identified in Section 5.4, "Mixed Transuranic-Contaminated Waste Shipped to WIPP."

2.2.3.7 Plan for On-Site Mixed Wastes not Sufficiently Characterized to Allow Identification of Appropriate Treatment. For new on-Site mixed waste streams requiring characterization to identify appropriate treatment milestones and planning dates, DOE shall submit a plan for characterization to the DEQ for approval. The characterization plans are in Section 5.5, "Mixed Waste Streams Requiring Further Characterization."

2.3 Quarterly Meetings, Annual STP Updates, and Reports

2.3.1 This section provides a mechanism to: (a) communicate and exchange information about schedule, technology development, funding, and other concerns that affect the implementation of the STP; (b) propose and establish the next ensuing milestones; and (c) update and propose changes or Revisions to the STP.

2.3.2 Quarterly Meetings The project managers shall meet each quarter to discuss progress on milestones and planning dates, any changes to waste streams and volumes, and other pertinent information. In order to facilitate these meetings, DOE shall provide in writing to the DEQ Project Manager notification of new waste streams, an updated STP errata sheet, notification of completed milestones for the quarter, and a proposed agenda for the meeting. Proposed changes or revisions to the STP may be included in writing for discussion at the meeting.

2.3.3 Annual Update to the STP By each November 15 after the fiscal year in which the STP is approved, the DOE shall submit an Annual Update to the STP to the DEQ. The Annual Update to the STP shall incorporate any covered waste volume changes, planning date extensions less than one year, approved milestone extensions less than one year, or Revisions to the STP over the previous fiscal year. Subsequent changes or Revisions to the STP during the current fiscal year shall be indexed on an STP errata sheet to be submitted by DOE to the DEQ at least quarterly.

2.3.4 At the same time and along with the Annual Update to the STP, DOE shall submit to the DEQ an Annual STP Report for their review and comment. The Annual STP Report:

(a) Shall include and collate information from the Quarterly Project Manager meetings and provide the DEQ with information to track progress on milestones and planning dates

(b) May include any proposed Extensions, Revisions (including proposed waste treatment plans for new waste streams) or other changes to the STP

(c) Shall include information on DOE's funding for the STP and identify any funding issues, which may impact the STP schedules

(d) May include notification of planning date extensions and changes in covered waste volumes

(e) May be a vehicle for input from the public, affected states, and EPA to be obtained if Revisions to the STP are proposed.

2.4 Inclusion of New Mixed Waste Streams

2.4.1 This section establishes a method for including new mixed waste streams that are discovered, identified, generated on-Site, or to be received from off-Site, and mixed waste streams that are generated on-Site through environmental restoration to the extent such wastes are to become identified as a covered waste pursuant to Section 2.1 and as set forth in this section (including wastes covered by the *Federal Facility Agreement and Consent Order* executed by the State of Idaho, DOE, and EPA on December 9, 1991, which would otherwise not be covered by this STP pursuant to RCRA Section 3021[b][1][ii]).

2.4.2 DOE shall provide written notification to the DEQ as part of the Quarterly Meetings of new mixed waste streams that have been discovered, identified, or generated and stored on-Site, and mixed wastes anticipated to be generated and stored at the INEEL, which are expected to be covered wastes.

Unless and until the proposed waste treatment plan of Section 2.4.4 is disapproved by DEQ after exhaustion of dispute procedures or appeal under Section 2.9, the mixed waste will be covered waste and subject to the requirements of this STP (a) upon receipt of such notification, (b) when generated or stored at the INEEL after notification, or (c) such other time as specified in the notification, whichever is later. DOE shall provide a description of the waste codes, waste form, volume, technology and capacity needs, and similar pertinent information in the Quarterly Meetings. Any revisions to the STP Section 2.2, "Compliance Schedules," shall be proposed in the Quarterly Meetings or the next regularly scheduled Annual STP Report. The information provided pursuant to this subsection is subject to DEQ approval to the extent provided for in Subsection 2.4.4.

2.4.3. If DOE cannot provide such information or schedules as required by 2.4.2 because of inadequate characterization or it is otherwise impracticable, DOE shall submit for approval a proposed plan and schedule for complying with Section 2.4.2, along with appropriate justification and supporting information.

2.4.4. DOE shall submit a proposed waste treatment plan for new waste streams to the DEQ for approval, approval with modification or disapproval under Section 2.13, “Submittal and Review of Deliverables.” The waste treatment plan ties the new wastes to facilities under this STP and may consist of proposed changes to Section 4, "Covered Waste," of this STP. DOE may also propose changes or revisions to the STP schedules to accommodate new waste streams. In the absence of DEQ approval, new waste shall no longer be covered waste for the purposes of this STP after conclusion of Dispute Resolution or appeal under Section 2.9.

2.5 Revisions

2.5.1 A Revision to the STP requires, for those affected portions of the STP, publication of a notice of availability to the public and consultation with affected states and EPA pursuant to this STP and Section 3021(b)(2) and (3) of RCRA. A Revision is (a) the addition of a treatment facility at the INEEL or technology development not previously included in the STP, (b) extension to a milestone or planning date for a period greater than one year, or (c) waste treatment plans for a new waste stream. Changes in waste volume of covered waste; extensions or changes to milestones or planning dates for a period less than one year shall not, by themselves, constitute a Revision.

2.5.2 Revisions to the STP shall be made as follows:

2.5.2.1 DOE shall propose Revisions to the STP and provide supporting information for the Revision in writing pursuant to Quarterly Meetings or in the Annual STP Report pursuant to Section 2.13, "Submittal and Review of Deliverables." Under those procedures, DEQ may conditionally approve the Revision or return it to DOE with comments so that changes can be made for resubmittal, or disapprove it within 30 days. Approvals with modification or disapprovals may be subject to the procedures of Section 2.9, "Disputes." In reviewing the Proposed Revision, DEQ shall consider the need for regional treatment facilities. Conditional approval of a Revision is a determination by the DEQ that the Revision is acceptable subject to the results of public comment and consultation with affected states and EPA.

2.5.2.2 Within 30 days subsequent to conditional approval, the DEQ shall publish a notice of availability and make the Proposed Revision available to the public for review and comment and to affected states and EPA for consideration and consultation. Revisions shall be approved or approved with modification or disapproved by DEQ within 6 months after DEQ's receipt of the Proposed Revision. Any approval with modifications or disapproval of the Proposed Revision shall include supporting explanation and information. DOE shall have 30 days to discuss the approval with modifications or disapproval with DEQ. If agreement is not reached on the proposed modifications in this 30-day period, the procedures of Section 2.9, "Disputes," will apply.

2.5.3 To the extent practicable, comments from the public, affected states, and EPA on the conditionally approved Revisions will be obtained in conjunction with the Annual STP Report. However, if a conditionally approved Revision is proposed to become effective before it could be addressed in the regularly scheduled Annual STP Report, the DEQ shall publish a Notice of Availability and consult with affected states and EPA, as appropriate, within 30 days of such conditional approval. In the event that the final approved Revision differs from the conditionally approved Revision after public comment and consultation, DOE shall not be subject to enforcement actions for interim activities conducted in accordance with the conditionally approved Revision.

2.6 Extensions

2.6.1 A milestone may be extended or a planning date may be extended for a period of greater than one year upon receipt of a timely request for extension where good cause exists. Any request for an extension shall be made to the DEQ in writing prior to the milestone or planning date. The written request shall be provided to DEQ's project manager and shall be part of the Quarterly Meetings or Annual STP Report, as practicable. The written request shall specify:

(a) The milestone or planning date sought to be extended

(b) The length of the extension sought

(c) The good causes(s) for the extension

(d) Any related milestone or planning date that would be affected if the extension were granted.

2.6.2 Good cause for an extension includes, but is not limited to:

(a) Inadequate funding after DOE complies with Section 2.8, “Funding”

(b) A delay caused by DEQ's failure to meet any requirement imposed under the STP or

Consent Order

(c) A delay caused by the good faith invocation of dispute resolution or the initiation of administrative or judicial action

(d) A delay caused, or which is likely to be caused, by the grant of an extension in regard to another milestone

(e) A delay caused by additional work agreed to by DOE and the DEQ

(f) Circumstances unforeseen at the time this STP was prepared that significantly affect the work required under the STP

(g) Delay in review of a permit application

(h) Inconsistency with the requirement of any other existing agreement, order, or permit between DOE and DEQ

(I) Any other event or series of events mutually agreed to by DOE and the DEQ as constituting good cause.

2.6.3 Absent agreement of the DOE and the DEQ with respect to the existence of good cause, either or both of them may seek and obtain a determination through the dispute resolution process, Section 2.9, "Disputes," whether or not good cause exists.

2.6.4 For extension requests by DOE, the procedures of Section 2.13, "Submittal and Review of Deliverables," shall apply. Pursuant to that provision, if the DEQ approves the requested extension, the affected milestone shall be extended accordingly up to one year. Requested extensions for more than one year may be conditionally approved as proposed Revisions.

2.7 Satisfaction of Requirements and Enforceability

2.7.1 Deletion of Wastes—The requirements of the STP and Consent Order shall be satisfied with regard to any covered waste upon DOE's notice to the DEQ and DEQ's concurrence under 2.7.3 of the following:

(a) Completion of treatment pursuant to the STP

(b) Shipment of such waste off-Site for treatment, storage, or disposal

(c) Changes to statute or regulation or determinations of the regulatory authority, which cause such waste to be no longer subject to the requirements of RCRA or the LDR requirements of RCRA

(d) Storage for the sole purpose of accumulating such quantities of covered wastes as are necessary to facilitate proper recovery, treatment, or disposal in compliance with HWMA and RCRA

(e) Information demonstrating the waste meets the treatment standards of RCRA, Section 3004(m)

(f) Treatment in accordance with the conditions of an approved LDR treatability variance or

(g) Mutual agreement between DOE and the DEQ.

2.7.2 The STP shall be satisfied either at such time as (1) there is no longer any mixed waste, regardless of when generated, being stored or generated at the INEEL which does not meet LDR requirements or (2) all mixed waste, regardless of when generated, at the INEEL is being stored, solely for the purpose of accumulating sufficient quantities of mixed wastes as are necessary to facilitate proper recovery, treatment, or disposal.

2.7.3 DOE will notify the DEQ of such satisfaction in writing pursuant to the Quarterly Meetings or Annual STP Reports. The DEQ shall approve or disapprove the notice in writing within 30 days. Any disapproval by DEQ shall be subject to the provisions of Section 2.9, "Disputes."

2.8 Funding

2.8.1 DEQ shall have an opportunity to have input formulating the INEEL budget and setting the INEEL budget priorities as set forth in this section and Section 2.2.2, "Milestones and Planning Dates." Nothing in the STP affects DOE authority over its budget and funding level submissions. Further, any requirement for the expenditure or obligation of funds by DOE established by the terms of the STP and Consent Order requiring compliance with the STP would be subject to the availability of appropriated funds, and no provision of the STP or Consent Order shall be interpreted to require the obligation or expenditure of funds in violation of the Anti-Deficiency Act, 31 USC § 1341, as amended. In cases where the expenditure or obligation of funds would constitute a violation of the Anti-Deficiency Act, the dates established requiring the expenditure or obligation of such funds shall be appropriately adjusted.

2.8.2 It is the expectation of the Parties that all obligations of DOE arising under this STP and Consent Order will be fully funded. The Parties recognize that successful implementation of this STP and Consent Order is dependent upon prudent use of resources and that resource requirements and constraints will be considered during the work planning, budget formulation, and budget execution process. To ensure the development of responsible budget requests consistent with the requirements of the STP and applicable federal/state statutes, the Parties will work cooperatively and in good faith.

2.8.3 DOE shall take all necessary steps to obtain sufficient funding to comply with the provisions of this STP as set forth in this section through consultation with DEQ and submission of timely budget requests.

2.8.4 Pursuant to Section 2.10, the Project Managers will meet periodically and discuss projects being funded in the current FY and any events or new information that may cause significant changes to schedules or other issues relevant to activities being performed under this STP and Consent Order. DOE shall provide projected and actual cost information regarding such changes for these meetings, to the

extent practicable.

2.8.5 DOE shall consult with DEQ in formulating its annual INEEL Environmental Management (EM) FY+2 budget request as set forth in this section.

2.8.5.1 DOE-ID, ARG-W, and IBO (as appropriate) shall provide DEQ with information or a briefing on the proposed INEEL EM FY+2 budget allocation, including appropriate supporting documents, no later than 30 days prior to submission of their budget requests to DOE-HQ. In the process of formulating its annual FY+2 budget request, DOE may be subject to target funding guidance directed by the Office of Management and Budget (OMB). The information or briefing will address the impacts of such OMB target funding guidance.

DEQ agrees not to release confidential budget information to any other person or entity prior to submission by the President of his budget request to Congress unless authorized by DOE or required to do so by court order. DOE may seek to intervene in any proceeding brought to compel or enjoin release of this information. If allowed to intervene, DOE shall assert its interest in, and the legal basis for, maintaining the confidentiality of this information.

2.8.5.2 Before DOE-ID, ARG-W (through DOE-CH), or IBO submit their annual EM budget request and supporting budget formulation documents (if any) to DOE-HQ, the Parties shall attempt to reach agreement regarding work scope, priorities, schedules/milestones, and funding levels required to accomplish the purpose of the STP and Consent Order. DEQ shall, to the extent practicable, provide comments on the proposed budget request and proposed activities and make recommendations appropriate to accomplish the intent of the STP, including those that cannot be accommodated within the respective environmental management funding target level for the DOE-ID, ARG-W, and IBO.

2.8.5.3 DOE-ID, ARG-W, and IBO may revise their EM budget requests and supporting documents, if any, to resolve the comments of DEQ to the extent agreed by the Parties or DOE otherwise deems it appropriate.

2.8.5.4 DOE-ID, ARG-W (through DOE-CH), and IBO will submit to DOE-HQ their EM budget

requests with detailed budget formulation documents, if any, and shall forward with it the target budget level funding and any unresolved issues regarding funding for additional or accelerated activities submitted by DEQ, and any other unresolved issues raised by DEQ. If these issues are not subsequently resolved prior to DOE's submission of its budget to OMB, DOE-HQ shall forward in conjunction with its budget request any such unresolved issues and additional or accelerated activities, and related funding information to OMB.

2.8.6 Funds authorized and appropriated annually by Congress for EM activities (currently under the "Defense Environmental Restoration and Waste Management" and "Energy Supply, Research and Development Activities" appropriation[s] in the Energy and Water Development Appropriations Act) and allocated by the DOE Assistant Secretary for Environmental Management to INEEL waste management activities or other specifically designated funds for INEEL waste management activities will be the sole source of funds for activities required by this STP.

2.8.6.1 If funding has been requested as described in Subsections 2.8.4–2.8.5, and if appropriated funds allocated to the INEEL for waste management activities by the DOE Assistant Secretary for Environmental Management are not available to accomplish the milestones and planned activities under this STP and Consent Order, the Parties shall attempt to negotiate appropriate extensions under this STP.

2.8.6.2 If the Parties are unable to reach agreement, then the Parties shall use Section 2.9, Disputes, to determine the extent that activities shall be adjusted or the length of the extensions for milestones and planning dates in order to accommodate the INEEL FY funding allocation for waste management activities. The Parties agree that, unless DOE-ID, ARG-W (through DOE-CH), or IBO has not followed the procedures set out in Subsections 2.8.4–2.8.5, the dispute resolution procedure shall not result in a decision requiring activities that DOE-ID, ARG-W, or IBO cannot accomplish given its FY funding allocation for waste management activities. Failure to agree on adjustments to FY+1 or FY+2 milestones in the current fiscal year shall not prejudice DOE's right to request adjustments to these milestones in subsequent fiscal years or to appeal any decision of the DEQ regarding such future requests.

2.8.7 If DEQ agrees or a court determines, after dispute resolution and exhaustion of administrative appeals, that DOE funding is insufficient to meet any milestone and the Parties cannot agree on an

appropriate modification, the milestone shall be null and void and not subject to the remedy of specific performance. However, any mixed waste associated with such milestone shall, subsequent to such agreement or final determination, be deemed to not be covered waste under this STP, and DOE shall be subject to administrative or judicial enforcement actions for storage and any other violation of RCRA or HWMA with regard to such mixed waste.

2.8.8 If the DOE-ID, ARG-W, or IBO takes steps, as set forth in this section, through consultation with DEQ, this will constitute a good faith effort to comply with the requirements of this STP and Consent Order. Subsequent receipt of less funding than submitted shall not constitute a knowing violation under RCRA or applicable State law for purpose of criminal or civil fines and penalties.

2.8.9 Nothing herein shall affect DOE's ultimate authority and responsibility to formulate and submit to the President appropriate budget requests and to allocate appropriated funds to meet the DOE's obligation and to serve the DOE's missions.

2.9 Disputes

2.9.1 Except as specifically set forth elsewhere in the STP, any action that leads to or generates a dispute regarding the STP or its revision is subject to resolution under this section. The dispute resolution procedures of this section shall be followed and exhausted before pursuing any other legal remedy in any other forum.

2.9.2 DOE and the DEQ shall make reasonable efforts to informally resolve disputes as expeditiously as possible at the project manager level. If resolution cannot be achieved informally, either Party may elevate the dispute for resolution by requesting in writing to the other Party that the dispute be elevated pursuant to this section. If resolution appears imminent, upon agreement of both Parties in writing, the informal resolution period may be extended.

2.9.3 When formal dispute resolution is initiated, the disputing Party shall submit to the other Party a written Notice of Dispute specifying:

(a) The nature of the dispute

(b) The work affected by the dispute

(c) The disputing Party's position with respect to the dispute

(d) The information the disputing Party is relying upon to support its position.

The written Statement of Dispute shall be forwarded to both members of the Dispute Resolution Committee (DRC).

2.9.3.1 The DRC will serve as a forum for resolution of disputes for which agreement has not been reached through the informal dispute resolution process. The DEQ representative on the DRC is the Chief, DEQ's Operating Permits Bureau. The DOE representative of the DRC is the appropriate DOE-ID Program Manager with responsibility for waste management.

2.9.3.2 Following elevation of a dispute to the DRC, the DRC shall have 30 days to unanimously resolve the dispute and issue a written decision. If the DRC is unable to unanimously resolve the dispute within this 30-day period, the written Statement of Dispute from the disputing Party (as described in Section 2.9.3) and a written formal position from the other Party shall be forwarded within 10 days to the Administrator of DEQ for resolution.

2.9.3.3 If either Party at the DRC level identifies issues at any time during the dispute resolution process that are deemed pertinent to national policies or to the policies of the State of Idaho, either Party may refer the dispute to the Administrator of DEQ for resolution pursuant to Section 2.9.3.4. Upon agreement of the Parties at any point in the dispute process that resolution of a dispute is immediately necessary to avoid, prevent, or respond to the emergency conditions, the dispute may be escalated to the Administrator of DEQ for resolution pursuant to Section 2.9.3.4.

2.9.3.4 Upon escalation of the dispute to the Administrator pursuant to this section, the Administrator will review and resolve the dispute within 30 days. Disputes escalated based on emergency

conditions, as set forth in Subsection 2.9.3.3 above, shall be resolved by the Administrator as soon as reasonably possible. Before resolving the dispute, the Administrator shall meet and confer with the DOE-ID Manager to discuss the issue(s) under dispute. Upon resolution, the Administrator shall provide DOE with a written decision setting forth resolution of the dispute. The duties of the Administrator set forth in this subsection shall not be delegated.

2.9.3.5 The DOE reserves the right to either accept the decision of the Administrator or to seek administrative or judicial review of the decision under the Idaho Administrative Procedure Act.

2.9.3.6 The 30-day review periods mentioned above in Sections 2.9.3.2 and 2.9.3.4 may be extended by the mutual agreement of the Parties, as necessary, to complete the resolution of a dispute.

2.9.4 The pendency of any dispute under this section shall not affect DOE's responsibility for timely performance of the work required pursuant to this STP, except that the time period for completion of work affected by such dispute shall be extended for a period of time not to exceed the actual time taken to resolve any good faith dispute in accordance with the procedures specified herein. All elements of work required by the STP that are not affected by the dispute shall continue and be completed in accordance with the applicable schedule.

2.9.5 For issues involving areas under the responsibility or authority of the Argonne Group-West or the Idaho Branch Office-Naval Reactors, representatives for those offices of comparable authority and rank to the DOE-ID representatives shall be added or substituted in the dispute resolution process.

2.9.6 In the event of organizational changes, representatives of comparable authority and rank shall be substituted in the above procedures.

2.10 Project Manager

2.10.1 Within 10 days of the effective date of the STP, DOE and the DEQ shall designate a Project Manager. DOE and the DEQ shall each notify the other in writing of the Project Manager they have selected. DOE shall also designate the DOE Project Manager’s designee for ARG-W and IBO. The

DOE's Project Managers designees shall have authority and responsibility for addressing matters within the cognizance of their respective offices, in coordination with the DOE Project Manager. Each Project Manager shall be responsible for overseeing the implementation of the STP. Either the DOE or DEQ may change its designated Project Manager by notifying the other in writing, 10 days before the change, to the extent possible. To the extent possible, communications between the DOE and DEQ concerning the terms and conditions of the STP shall be directed through the Project Managers. Each Project Manager shall be responsible for ensuring that all communications from the other Project Manager are disseminated appropriately to that responsible Project Manager's organization.

2.10.2 The Project Managers shall have authority or obtain the appropriate level of authority to act for their respective agency to agree to changes to schedules and requirements, subject to the provisions of the STP on Disputes and Revisions. The Project Managers shall meet quarterly (see Section 2.3.2) to discuss progress and problems relating to all work under the STP. As a requirement of the agenda for each meeting, the DEQ shall notify DOE of all potential issues or problems regarding compliance with the STP. Additionally, the status of the curing of any previously identified problems or issues of compliance shall be provided and discussed. Additional meetings may be requested by either Project Manager to discuss issues, problems, or activities associated with this STP.

2.10.3 Draft meeting minutes shall be prepared by DOE and provided to the DEQ within 10 days of the meeting. DEQ approvals of deliverables under this STP and Consent Order may be documented in the meeting minutes. Any changes to the minutes shall be provided to DOE in writing within 14 days of receipt of the draft minutes for incorporation into the final minutes. Failure to provide timely changes to the minutes shall constitute agreement. The final Project Manager's Quarterly Meeting Minutes shall be prepared by DOE and submitted to DEQ.

2.10.4 It is the intent of the DEQ and DOE that this notification and curing process shall be used to avoid disputes to the extent possible.

2.11 Notification

2.11.1 Unless otherwise specified, any report or submittal provided by DOE pursuant to the STP shall be

sent by first class mail, express mail, facsimile or hand delivered, with a certification of mailing or confirmation of delivery, to the address of the DEQ Project Manager.

2.11.2 Unless otherwise agreed in writing, one copy of all documents to be submitted pursuant to this STP shall be sent to the Project Manager at the address stated below. Either DEQ or DOE may request additional copies of any document submitted pursuant to this STP.

Project Manager
Idaho Department of Health and Welfare
Division of Environmental Quality
1410 N. Hilton
Boise, ID 83706

Project Manager
Department of Energy
Idaho Operations Office
850 Energy Drive
Idaho Falls, ID 83401-1563

2.12 DOE's NEPA Review and FFC Act Implementation

Changes in the schedules or other requirements of this STP may be required or warranted by public comments upon or the analysis of environmental effects set forth in an Environmental Assessment or an Environmental Impact Statement prepared by DOE pursuant to the National Environmental Policy Act (NEPA) and its implementing regulations. The DEQ and DOE agree to negotiate in good faith any resulting appropriate or necessary changes in this STP.

2.13 Submittal and Review of Deliverables

2.13.1 DOE shall submit to the DEQ deliverables required by this Consent Order under this Section 2.13. Deliverables or specific portions thereof are subject to either review and comment or approval.

Deliverables subject to review and comment under this subsection, as required or permitted under this STP and Consent Order, include notification of new wastes, changes in volume of covered waste, changes in planning dates up to one year, the Annual Updates to the STP and the Annual STP Report. Where DEQ approval of a deliverable is expressly required in this Consent Order, the approval provisions in this section apply. Deliverables that require approval include proposed Revisions, extensions to milestones, extensions to planning dates greater than one year, treatment plans for new waste streams, notices of completion of milestones, notices of satisfaction under Section 2.7, and other deliverables as specifically required by the terms of this STP. Requests or proposals that require approval may be submitted as part of, or along with, the Annual STP Report and Quarterly Meetings. Permit applications and NEPA documents shall not be subject to the procedures of this section. Permit applications shall be submitted and reviewed under applicable regulations and NEPA documents shall be submitted and reviewed under the DOE regulations implementing NEPA. Each submittal of a deliverable shall specify the milestone or other provision of this Consent Order requiring submittal of that deliverable.

2.13.2 Unless otherwise noted, each deliverable shall be transmitted directly to the DEQ Project Manager.

2.13.3 The DEQ will promptly review each deliverable submitted by DOE required to be approved pursuant to this Consent Order, within the timeframes established in this section unless specifically scheduled otherwise in the Consent Order. In the course of their review, the DEQ will consult with DOE regarding the adequacy of each deliverable. Oral comments made during these discussions shall not require a written response by the Parties.

2.13.4 Deliverables, which do not require DEQ approval under this Consent Order, shall be provided to the DEQ for review and comment. In the event that DOE disagrees with the DEQ’s comments, DOE shall respond to the DEQ's comments in writing explaining the DOE's position. If DOE has not received comments from the DEQ within 30 days of submittal of the deliverable, it will be deemed that the DEQ has no comments. Disagreements concerning comments to deliverables that are not required to be approved under this Consent Order will not constitute a dispute under Section 2.9 unless otherwise agreed by the Parties.

2.13.5 For any deliverable that requires DEQ approval under the provisions of this Consent Order, the following procedures shall apply:

2.13.5.1 The DEQ shall, within 30 days of receipt, take action as follows: (1) approve or approve with modification, or disapprove the deliverable as submitted, or (2) return the deliverable to DOE with comments so that changes can be made for resubmittal. Proposed Revisions approved or approved with modification shall be deemed to be "conditionally" approved or "conditionally" approved with modification pending final approval or approval with modification after public review and comment and consultation with affected states and EPA pursuant to Section 2.5, "Revisions." For proposed Revisions that are conditionally approved with modification or disapproved, DOE may invoke dispute resolution as provided in Section 2.9. The DEQ may extend the review period of this section by an additional 30 days by notifying the DOE. This period may be further extended for an additional period of time, as may be agreed to by the parties. Comments on the deliverable shall be provided with adequate specificity so that DOE can make the appropriate changes to the document. To the extent applicable, comments should refer to specific paragraphs of any sources of authority or references on which the comments are based, and upon request of DOE, the DEQ shall provide a copy of the cited authority or reference.

2.13.5.2 If the DEQ fails to take one of the actions specified above within the timeframes required by this Consent Order, DOE may initiate dispute resolution under Section 2.9. If the DEQ extends the review period for a deliverable, any milestones or planning dates dependent upon the results of deliverable review will automatically be extended an equivalent amount of time as the time taken beyond the specified timeframe for review.

2.13.5.3 In the event that the DEQ returns the deliverable to DOE with comments, within 30 days of receipt, DOE shall incorporate the comments and shall re-transmit the deliverable. DOE may extend this period by an additional 30 days by notifying the DEQ. This period may be further extended for an additional period of time, as may be agreed to by the parties. In the event DOE disagrees with the DEQ's comments and the parties are unable to resolve their disagreement, DOE may invoke the dispute resolution provisions of Section 2.9, "Disputes."

2.13.5.4 The Project Manager's Quarterly Meeting minutes may document DEQ approvals,

conditional approvals, or agreement on DEQ approvals or conditional approvals with modification.

2.14 Modification

The STP schedules, covered wastes, and other provisions of Sections 4 through 6 may be amended or modified by mutual agreement of the DEQ and DOE Project Managers or may be made by approval of the DEQ of a proposal submitted by DOE pursuant to Section 2.13, "Submittal and Review of Deliverables." Any such amendment or modification of this STP shall be in writing and shall be incorporated into the STP and be enforceable in the same manner as any other requirement of the STP. Agreement or approval of such modifications may be documented in the Quarterly Meeting Minutes. If an amendment or modification constitutes a Revision, it shall be subject to the procedures applicable to a conditionally approved Revision set forth in Section 2.5.

Notwithstanding any other provision of this STP, DOE and DEQ agree to immediately modify the schedules in the STP to be consistent with the schedules in the Settlement Agreement and Consent Order issued by the Court on October 17, 1995, in the actions *Public Service Co. of Colorado* v. *Batt*, No. CV 91-0035-S-EJL (D.Id.) and *United States* v. *Batt*, No. CV-91-0054-S-EJL (D.Id.), and to reissue this STP accordingly, by a target date of November 30, 1995.

3. INEEL TREATMENT FACILITIES

The INEEL currently has existing or planned facilities for the treatment of mixed waste. Mixed waste streams to be treated in these facilities are discussed in Section 4; the schedules for design and operation of these facilities are included in Section 5 of this STP, and the identification and relationship of waste streams to treatment facilities are included in Section 6.

3.1 INEEL Treatment Facility Status

Table 3-1 identifies each of the INEEL facilities designated to treat mixed waste. The table provides basic design information and the status for each of the treatment facilities along with the acceptable expected radionuclide handling capabilities. The table also includes the status of facilities, based on Life Cycle Asset Management (LCAM), made pursuant to DOE-ID Order 430.1 A:

- **Existing, Operating, Treating Mixed Waste—**Existing system is currently operating and treating mixed wastes.

- **Existing, Planned to Treat Mixed Waste—**Existing system is not currently treating mixed waste streams. The system may be treating other waste (low-level, hazardous, sanitary, etc.) or may not be operating at this time but has begun.

- **Planned, DOE-Approved—**DOE-HQ has approved the mission need for the facility; the facility has, at a minimum, begun design but has not yet reached the construction phase.

- **Planned, DOE-Unapproved—**Some planning has been initiated (e.g., engineering/feasibility studies, functional design criteria) but has not yet received the approval of the mission need for the facility.

Current treatment plans call for the treatment of remote handled (RH) mixed transuranic-contaminated materials at the RH Immobilization Facility, or the Remote Treatment Facility. The RH

Immobilization Facility will treat those RH mixed waste associated with calcining. The Remote Treatment Facility (RTF) at Argonne National Laboratory-West (ANL-W) will treat other types of RH waste. Conversely, the RTF may provide repackaging of the RH waste for direct disposal in WIPP, if the approach is shown to be cost and schedule effective. Table 3-1 contains the complete list of RTF units.

3.2 Description of Facilities Required to Treat the MLLW at the INEEL

Facilities identified for MLLW treatment and the respective technologies employed at each are described in the sections below.

3.2.1 Commercial Treatment Facilities

MIXED WASTE TREATMENT MARKET SUMMARY

DOE Broad Spectrum Mixed Waste Treatment Vendors

- Perma-Fix Environmental Services, Inc.
  - Diversified Scientific Services, Inc. (DSSI), Kingston, TN
  - Perma-Fix Environmental Services, Inc. (Perma-Fix), Gainesville, FL
  - Materials & Energy Corporation (M&EC), Oak Ridge, TN
- Waste Control Specialists, LLC (WCS), Andrews, TX
- Allied Technology Group, Inc. (ATG), Richland, WA

Other Mixed Waste Treatment Vendors

- Envirocare of Utah, Inc. (Envirocare) Clive, UT

Treatment Vendor Capabilities

- Perma-Fix Environmental Services, Inc.

  DSSI—Operates a licensed industrial boiler that combusts blended radioactive and/or hazardous liquid waste as fuel for steam production. The resultant steam is used to generate electricity. DSSI can accept liquid waste contaminated with most RCRA waste codes.

- **Perma-Fix Gainesville Facility—**Capable of treating mixed waste solids, sludges, and liquids. Offers treatment of organic solids via the Perma-Fix II process, inorganic solids via the Perma-Fix I process, inorganic liquids via the Perma-Fix I process, and debris washing via solvent extraction. Perma-fix can accept mixed waste that is RCRA D-code characteristic, F00X listed, and most P-code and U-code listed wastes.

- **Materials and Energy Corporation**—When fully operational, M&EC will be capable of treating mixed waste streams by offering stabilization, macroencapsulation, thermal/nonthermal treatment, high-mercury subcategory treatment, and PCB treatment. Currently offering stabilization via the Perma-Fix I process.

- **Waste Control Specialists LLC**—This treatment vendor will treat mixed waste requiring stabilization and TSCA only waste. WCS is currently stabilizing mixed waste.

- **Allied Technology Group, Inc.—**ATG will treat mixed waste including liquids and liquid waste containing elemental mercury. When fully operational, ATG will be capable of treating mixed waste streams by offering chemical deactivation, macroencapsulation, stabilization, and thermal treatment.

- **Envirocare of Utah, Inc.—**Envirocare's treatment capabilities include stabilization, macroencapsulation, and microencapsulation of solids. These treatment processes are operational. Envirocare is currently under contract to stabilize and macroencapsulate INEEL mixed waste.

Table 3-1. INEEL Treatment Facilities.

Facility ID	Facility	System	Handling *	HLW	TRU	LLW	ALPH	Facility Status
IN-S150	Advanced Mixed Waste Treatment Project	Private Unit	CH	N	Y	Y	Y	Planned, DOE-Approved
IN-S151	Advanced Mixed Waste Treatment Project	RH - Preparation Unit	CH	Y	Y	Y	Y	Planned, DOE-Approved
IN-S033	INTC Debris Treatment and Containment	Decontamination - Water Washing System	B	Y	Y	Y	Y	Existing, operating, treating mixed waste
IN-S030	INTC HEPA Filter Leaching System (CPP-659)	Extraction - HEPA Filter Leach	B	Y	Y	Y	Y	Existing, operating, treating mixed waste
IN-S152	INTC RH - Immobilization Facility	RH - Immobilization Facility	B	Y	Y	Y	Y	Planned, DOE-unapproved
IN-S035	INEEL Waste Treatment Under 40 CFR 262.34	Various	CH	N	N	Y	Y	Existing, operating, treating mixed waste
IN-S028	New Waste Calcining Facility (NWCF-CPP659)	Calcination	B	Y	Y	Y	Y	Existing, operating, treating mixed waste
AW-S007	Remote Treatment Facility (ANL-W)	Preparation/Treatment	RH	N	Y	Y	Y	Planned, DOE-approved
AW-S037	Sodium Process Facility (ANL-W)	Water Reaction (Na to NaOH)/Wiped-Film Evaporator (NaOH to Na2C03)	CH	N	N	Y	N	Existing, operating, treating mixed waste
AW-S038	Sodium Component Maintenance Shop (SCMS)	Deactivation, Open/Melt/Drain, Neutralization, Stabilization, Water Reaction	CH	N	Y	Y	Y	Existing, operating, treating mixed waste (interim status)

Handling Key: RH=remote handled
CH=contact handled
B=both

3.2.2 New Waste Calcining Facility Debris Treatment and Containment Storage Building

The New Waste Calcining Facility (NWCF) Debris Treatment and Containment Storage Building comprises decontamination cubicles, a spray booth, a decontamination cell, and a low-level decontamination room. Several treatment technologies are currently used to treat debris in accordance with the RCRA Debris Rule (40 CFR 268.45 [alternative treatment standards]). These treatment technologies include water washing, chemical washing, high-pressure water and steam sprays, and ultrasonic cleaning. A RCRA Part B permit that identifies these treatment units as "containment buildings" has been submitted. Until the Part B is approved, debris treatment will proceed on a "less-than-90-day basis" as allowed by 40 CFR 262.34.

Currently, the NWCF Debris Treatment and Containment Storage Building has been modified to provide greater flexibility for treatment options and capabilities. These modifications will provide treatment by liquid abrasive and/or CO_2 blasting and bulk washing.

3.2.3 High-Efficiency Particulate Air Filter Leach System

Contaminated high-efficiency particulate air (HEPA) filters will be treated in the HEPA Filter Leach System, which uses chemical extraction to remove radionuclides and other hazardous constituents from used HEPA filters. This system can treat both MLLW and transuranic-contaminated waste. After leaching, the filters should be ready for packaging for LLW disposal. The leachate generated by HEPA filter leaching will be managed in the Idaho Nuclear Technology and Engineering Center’s (INTEC's) liquid radioactive wastewater treatment system (process equipment waste [PEW], liquid effluent treatment and disposal [LET&D], and INTEC Tank Farm).

The bottoms from the PEW system are sent to the INTEC Tank Farm; the bottoms from LET&D are recycled to NWCF or sent to the INTEC Tank Farm for storage pending final treatment, which will be provided by the planned RH Immobilization Facility described in Section 3.4.

3.2.4 Sodium Process Facility

The Sodium Process Facility (SPF) supplies treatment technology for large amounts of hazardous waste or MLLW that come from bulk and small amounts of sodium-potassium (NaK) eutectic. SPF has approved waste acceptance criteria (WAC), which require complete waste characterization, including:

- A complete physical description of the waste
- A complete chemical characterization of the waste (Na or NaK)
- A complete radioisotopic profile.

The SPF is located at ANL-W, where large amounts of metallic Na (radioactive and nonradioactive) require conversion to sodium hydroxide (NaOH). This process is applicable to the sodium originating from the primary and the secondary coolant loops of Experimental Breeder Reactor II (EBR-II) and other liquid-metal cooled reactors.

A single treatment process is used at SPF to convert Na (and/or NaK) into a >69 wt% hydroxide solution. This takes place in the 500-gallon capacity primary reaction vessel. Water is combined with Na (and/or NaK) in the reaction vessel to produce a hydroxide (NaOH and/or KOH) solution and hydrogen gas. The heat liberated in this reaction heats the solution in the reaction vessel to boiling. The loss of water from the solution by reaction with Na and by vaporization concentrates the sodium hydroxide in the solution. Increasing the hydroxide concentration raises the boiling temperature of the hydroxide solution. When the sodium hydroxide concentration reaches the desired level, water is admitted through the water injection nozzle to maintain that boiling point and concentration. Thereafter, the concentration of sodium hydroxide in the solution is controlled by controlling the boiling temperature through the injection of water. The heat of reaction is dissipated by the vaporization of water, which is condensed and reused. Hydrogen evolved from the reaction is vented to the atmosphere through the off-gas system.

The >69-wt% hydroxide solution is delivered to the drum fill station through a caustic transfer line (concentric pipe heat exchanger), where 71-gallon square drums are filled. The 71-gallon drums are lined with 90-mil (minimum) thick high-density polyethylene or an equivalent. After filling, the drums are placed on pallets and placed in permitted storage at SPF or other permitted storage areas at ANL-W. These drums remain in HWMA/RCRA-regulated storage until the >69 wt% hydroxide solution solidifies. After

solidification has occurred, the drums will no longer be regulated by HWMA/RCRA storage requirements. The drums, as low-level radioactive waste, will be shipped to an appropriate disposal facility.

This is a CH process, and little radiation shielding will be necessary.

3.2.5 MLLW to be Treated Under Generator Treatment Plans

The EPA allows hazardous waste generators to manage and treat wastes in tanks, containers, and containment buildings as they are accumulated onsite without a permit under 40 CFR 262.34 (IDAPA 16.01.05.006.01). However, in 1990, the EPA added 40 CFR 268.7(a)(4) (IDAPA 16.01.05.011), which required that a Waste Analysis Plan (WAP) be prepared, filed with the EPA Regional Administrator (or designated representative) or with the state authorized by the EPA to implement Part 268 requirements, and followed before a generator treated waste onsite[1]. The purpose of the WAP amendment was to describe procedures that the generator must carry out to comply with the treatment standards.

The WAP amendment created confusion with a preexisting, distinctly different WAP requirement in 40 CFR 265.13 (IDAPA 16.01.05.009) for interim status standards for owners and operators of hazardous waste treatment, storage, and disposal facilities. To separate the two types of WAPs, DOE and INEEL contractors adopted the term "generator treatment plan" (GTP) to conform specifically to 40 CFR 268.7(a)(4) and IDAPA 16.01.05.011.

In 1997, EPA amended 40 CFA 268.7 (a)(4) by redesignating the paragraph as 40 CFR 268.7(a)(5), removing the WAP filing requirement, and requiring instead that the WAP be kept in the facility's onsite files and made available to inspectors. The purpose of this amendment to the WAP filing requirement was to reduce and streamline LDR-related paperwork.

Consistent with these amendments, each GTP should satisfy the following requirements (the requirements are paraphrased from 40 CFR 268.7[a][5] and [IDAPA 16.01.05.011]):

1. The GTP should be based on a detailed chemical and physical analysis of a representative sample of the prohibited waste(s) being treated and should contain all information

necessary to treat the waste(s), including selected testing frequency, in accordance with the requirements of 40 CFR 268.

2. The GTP must be kept in the facility's onsite files and made available to inspectors.

3. Wastes shipped offsite should comply with the notification requirements of 40 CFR 268.7(a) (3).

Certain INEEL mixed waste streams are being actively considered for onsite processing by GTP. At this stage of planning, GTPs are only one of many options being examined for treatment of individual waste streams. The INEEL is also actively investigating possible treatment methods at treatment, storage, and disposal facilities. In advance of final decisions on treatment options, relatively few INEEL GTPs have been formally submitted.

The specific MLLW streams under consideration for a GTP are listed below; only newly generated waste still in a 90-day storage area are available for GTP. Since waste treatment as part of a GTP would be accomplished within 90 days of entering a regulated unit, this waste is presumed to be in compliance with LDR storage prohibition and, as such, schedules are not included in this STP for this waste. The following MLLW streams or portions of the waste streams are candidates for GTP:

- ID-CPP-512: Sludge—Characteristic
- ID-SMC-304: Calcined Uranyl Nitrate
- ID-TRA-269: Electronic Board and Miscellaneous Machinery Parts
- ID-TRA-536: Elemental Hg Contaminated with Rad Material.

A single GTP could be used to treat multiple waste streams as long as these various waste streams are hazardous solely because of corrosivity. Waste streams should not exhibit other hazardous characteristics (ignitability, reactivity, or toxicity) and must not contain RCRA-listed components. Neutralization agents can be employed to alter the pH of a waste stream until it is no longer corrosive. Absorbent material also may be employed to prevent release of corrosive liquids.

[1]In 1992, when EPA finalized the debris rules, they exempted generators treating hazardous debris under the alternative treatment standards of Table1, Sec. 268.45 (IDAPA 16.01.05.011). Generators treating hazardous debris are not subject to these waste analysis requirements

3.2.6 Offsite Treatment Facilities

The offsite facilities currently identified as a preferred treatment option for INEEL waste streams are the Toxic Substances Control Act (TSCA) Incinerator at Oak Ridge, Tennessee, and Commercial Mercury Treatment unit.

3.2.7 MLLW Treatment at the Advanced Mixed Waste Treatment Project

Some MLLW may be treated by the private sector under the Advanced Mixed Waste Treatment Project (AMWTP). See Section 3.3.2 for a discussion of the AMWTP.

3.2.8 Sodium Components Maintenance Shop

The Sodium Components Maintenance Shop (SCMS) is an existing, operating mixed waste treatment facility located at Argonne National-West (ANL-W) on the INEEL. The SCMS has been used for many years to cleanse sodium (Na) and sodium potassium alloy (NaK) contaminated operational components associated with the EBR-II reactor and has more recently been used to treat an INEEL waste stream.

SCMS is a unique facility at the INEEL that is capable of treating and storing uniquely configured containers of ignitable, corrosive, reactive, and toxic metal-contaminated mixed waste. The SCMS employs a water wash (reaction) vessel, caustic carbonation system, neutralization tank, and stabilization unit. Treatment technologies available at SCMS include deactivation, water reaction, neutralization, open/melt/drain, and stabilization.

3.3 Description of Facilities Required to Treat the Mixed Transuranic-Contaminated Waste at the INEEL

The proposed INEEL facilities to treat mixed transuranic-contaminated waste include RTF, AMWTP, RH Immobilization Facility, and GTPs. RTF will treat reactive metal and RH wastes not accepted by the AMWTP. The AMWTP is intended to procure services from the private sector for the treatment of the CH transuranic-contaminated waste and may treat some RH waste. The RH Immobilization Facility will be used to immobilize a portion of the RH mixed transuranic-contaminated waste. GTPs will be used to treat transuranic-contaminated waste as it is generated.

3.3.1 Remote Treatment Facility

The Remote Treatment Facility (RTF) is a DOE planned, approved INEEL treatment facility designed to receive, sort, characterize, treat, and repackage ANL-W RH transuranic, mixed transuranic (MTRU), and RH alpha mixed low-level (a-MLLW) waste. These waste handling activities are required to meet waste acceptance criteria and/or LDR standards for disposal. In addition to handling the ANL-W waste streams, other INEEL waste may be handled at RTF following preparation of all ANL-W waste streams for disposal.

The RTF is proposed as an addition to the present Hot Fuel Examination Facility (HFEF) at ANL-W. The essential features of the RTF include an air atmosphere hot cell with thirteen work stations, a hot repair area with access into the hot cell, waste cask handling capabilities including the 72B cask, a non-destructive analysis cell, and direct linkage with HFEF via a cask tunnel. RH packages that are not cask compatible will enter the RTF cell through the hot repair area.

The waste handling equipment currently identified for installation at RTF includes a container disassembly and waste sizing station, an automated waste sorting and compaction station, a sodium removal station, an induction furnace, a HEPA-filtered preparation station, and a waste repackaging station.

The RTF has a DOE-approved Mission Need Statement, which constitutes endorsement of the RTF project need, project objectives, management approach and preliminary acquisition and environmental strategies. The schedule milestones for the RTF are included in Section 5 "INEEL Treatment Facility Schedules of the STP."

3.3.2 Advanced Mixed Waste Treatment Project

MTRU waste is mixed waste that contains more than 100 nCi of transuranic constituents per gram of waste. Alpha-MLLW contains less than 100 nCi of transuranic constituents per gram of waste. Traditionally at the INEEL, a-MLLW has been managed along with MTRU waste. Since the a-MLLW and MTRU waste will be handled together at the INEEL, both of these waste types are referred to as transuranic-contaminated mixed waste and will be treated at the AMWTP.

For the majority of the mixed transuranic-contaminated waste at the INEEL, DOE-ID plans to achieve compliance with the requirements of the FFC Act by implementing full treatment and then disposing of the treated waste at the WIPP. A portion of the transuranic-contaminated waste may be sent to WIPP under the no-migration variance petition approach described in 40 CFR 268.6. Under this strategy, DOE-ID intends to continue interim storage of transuranic-contaminated waste and continue preparation of waste for shipments and then to ship and dispose of waste in WIPP until treatment is available. Once treatment is available, the majority of the transuranic-contaminated waste will be treated prior to disposal at WIPP. Further characterization of some a-MLLW and MTRU waste will be required before reconfiguration for storage and treatment. Following characterization, the majority of the mixed transuranic-contaminated waste will be treated at the AMWTP, which will be operated by the private sector. The RH mixed transuranic-contaminated waste will treated at the RTF.

3.3.3 RH Immobilization Facility

The RH Immobilization Facility may be operated for three years between 2017 and 2020 to process the waste that is RH HLW.

3.4 Description of Facilities Required to Treat HLW at INEEL

The current plans for the high-level liquid waste (HLLW) is pretreatment in the NWCF and final treatment in the RH Immobilization Facility.

In the Settlement Agreement and Consent Order issued by the Court on October 17, 1995, in the actions *Public Service Co. of Colorado* v. *Batt*, No. CV 91-0035-S-EJL (D.Id.) and *United States* v. *Batt*, No. CV-91-0054-S-EJL (D.Id.), the DOE agreed to accelerate efforts to evaluate alternatives for the treatment of calcined waste. There are several activities identified in the Settlement Agreement related to the treatment of calcined waste. The activities that will be performed as a result of the Settlement Agreement will be coordinated and incorporated into the schedules for HLW treatment in Section 5, as appropriate. The requirement for feasibility study proposals and submittal of a RCRA Part B permit, as identified in the Settlement Agreement, are included in Table 5-2 (Section 5).

New Waste Calcining Facility. The NWCF provides pretreatment of HLLW by calcination, resulting in conversion of the liquid to a solid granular form. Before calcinations, the INTEC Tank Farm liquid that meets the WAC for the High-Level Liquid Waste Evaporator (HLLWE) will be processed through the HLLWE for volume reduction and concentration, which makes the HLLW more amenable to calcination. This will be followed by calcination of the liquid waste, which can be accomplished by blending commercially available aluminum nitrate or other available additives with sodium-bearing waste generated from decontamination of plant equipment. The approximately 4,434 m^3 of HLLW left in the INTEC Tank Farm resulted from fuel reprocessing. This HLLW can be blended with sodium-bearing liquid waste and aluminum nitrate for calcination.

Calcination does not meet the LDR treatment standard for this waste stream. The calcination process is considered to be an interim partial treatment step for stabilizing the INTEC Tank Farm HLLW and converting it to solid calcine. The calcine will eventually be treated to meet LDR treatment standards in the RH Immobilization Facility.

Currently, the NWCF operates under interim status and has a design liquid input of 214 gal/hr gross feed rate; however, the actual feed rate is normally about 180 gal/hr due to process requirements that limit the feed rate. The primary process limitation is the requirement to maintain the NO_x emissions below 472 lb/hr and 1,700 tons/yr. The gross feed includes relatively large amounts of required additives.

RH Immobilization Facility (RHIF). This facility is proposed for processing liquid (mostly sodium-bearing waste) and calcine at the INTEC into forms suitable for permanent disposal. The RH vitrification portion of the facility will initially be utilized to treat the RH transuranic-contaminated waste discussed earlier in Section 3.3.3.

The complete facility is composed of several processes. The first process step, although not actually part of RHIF, is calcine retrieval. This operation is performed by inserting a vacuum nozzle into each bin contained in the calcine solids storage facilities (CSSFs). After retrieval, the calcine is pneumatically transported to RHIF where the first step is dissolution. Testing has shown the calcine can be almost totally dissolved using nitric acid. To ensure the low activity waste can meet Nuclear Regulatory Commission (NRC) Class A LLW criteria, the next process step carefully separates the undissolved solids from the liquid. The liquid is then sent to a set of centrifugal contractors where the strontium is separated from the nonradioactive components using the Strontium Extraction (SREX) process. The next process step separates cesium using ion exchange. This technology is not well developed for operation in an acid environment. Once this bed is saturated with cesium, the resin is removed and blended with other high activity waste and immobilized. The next process step separates the transuranic elements using the Transuranic Extraction (TRUEX) process.

The high activity stream from these separation processes is then vitrified by combining it with glass-forming frit and heating to temperatures greater than 1050EC to produce a glass. The melt is then drained into canisters, sealed, and transported to an interim storage facility prior to final disposal. Since this material is HLW, it must be disposed at a geologic repository. The low activity stream from the separations processes is then immobilized in barrels using grouting technology. The barrels are transported to an interim storage facility prior to final disposal. If the grout can be delisted to remove it from RCRA regulation, it can be disposed at a LLW site such as the Radioactive Waste Management Complex (RWMC). If delisting is unsuccessful, the grout will need to be disposed to a mixed LLW site. The proposed RHIF includes interim storage for immobilized wastes (both HLW and LLW) with the capability for expansion, as required.

4. COVERED WASTE

DOE has prepared this STP for all mixed waste stored or to be generated at or shipped to the INEEL. This section of the STP identifies those mixed wastes, both onsite and offsite, that are intended to be treated at the INEEL. Mixed waste treated at the INEEL includes mixed low-level, transuranic-contaminated, and high-level waste.

4.1 Mixed Low-Level Waste Streams

MLLW is (a) mixed waste that is not HLW and (b) mixed waste that does not contain more than 100 nCi of transuranic constituents per gram of waste. Alpha-MLLW contains less than 100 nCi of transuranic constituents per gram of waste. Traditionally at the INEEL, a-MLLW has been managed along with MTRU waste and is covered in Section 4.2.

Several mixed waste treatment facilities exist at the INEEL. These facilities currently accept mixed waste from INEEL waste generators only. Waste must meet the applicable WAC for each facility. Approximately 60% of the current INEEL inventory of non -a-MLLW can be treated in existing facilities at the INEEL. When all currently planned INEEL treatment facilities become operational, the INEEL should be able to treat all the MLLW streams generated at the INEEL.

Not all the MLLW is addressed in this section. Some of the MLLW streams that will be treated at a treatment facility identified for other mixed waste streams are discussed in the section in which the treatment facility is described. Specifically, MLLW liquids that are generated at the INEEL's INTEC and that are processed through the PEW Evaporator and LET&D system are treated as HLW and are addressed in Section 4.3. The PEW evaporator and LET&D systems perform volume reduction of the liquid waste rather than LDR treatment. The resulting waste is included in the HLLW streams (see Section 4.3). Table 4-1 lists the MLLW streams generated onsite for treatment at the INEEL.

INEEL Site Treatment Plan

Table 4-1. Mixed low-level waste streams requiring treatment.

Waste Stream ID	Waste Stream Name	Current Storage Vol (m^3)	5-year Generation (m^3)
CH-ANL-111	URANIUM/CADMIUM FROM FCF	0.6246	0.5000
CH-ANL-142	LEAD CONTAM. SOLIDS-ANL-W OPERATIONS	0.6075	0.1000
CH-ANL-179	SODIUM (CONTAMINATED) TIN BISMUTH	1.5330	0.4000
CH-ANL-180	SODIUM - LLW	66.5577	25.5500
CH-ANL-182	SODIUM POTASSIUM NaK	2.7408	0.2100
CH-ANL-183	RADIOACTIVE PAINT STRIPPING WASTE	0.2082	0.0000
CH-ANL-224	CONTAMINATED HG-IBC CASK MAINTENANCE	0.0984	0.1000
CH-ANL-244	ICP WASTE SOLUTIONS W/ HEAVY METALS	0.4164	0.1000
CH-ANL-503	SPENT HEPA FILTERS AND PRE-FILTERS	26.4585	4.0000
CH-ANL-506	SODIUM STORED IN BLDG 703 & OTHER	4.0882	0.0000
CH-ANL-553	WCA MIXED WASTE	15.8230	21.0000
CH-ANL-554	LEAD-CONTAMINATED DEBRIS	6.3638	1.3000
CH-ANL-660	ANL-W MERCURY AND MERCURY DEBRIS	0.6700	0.0000
CH-ANL-669	MLLW Cd: FCF MODIFICATION AND ER WORK	0.0000	2.5000
CH-ANL-683	LABORATORY CORROSIVE WASTE W/	0.8061	1.0500
CH-ANL-691	TREAT/PHP STACK CONDENSATE WATER	0.0000	0.0000
CH-ANL-711	EML ETCHING SOLUTION	0.0000	0.3000
CH-ANL-712	ANL-W ETCHING SOLUTIONS	0.0000	0.1000
CH-ANL-716	DEBRIS AND/OR SOLIDS W/HEAVY METALS	0.3269	1.0500
CH-ANL-722	LITHIUM HYDRIDE	2.2613	0.0000
ID-CFA-103	LIQUID LAB WASTE W/ METALS AND ORGANICS	0.2271	0.0000
ID-CFA-107	ARA-IV SUMP SLUDGE	0.4921	0.0000
ID-CFA-108	Ba AND Cd CALIBRATION SOURCES	0.0189	0.0000
ID-CFA-121	HEAVY METAL LIQUID LAB WASTES	0.1136	0.0000
ID-CFA-256	METHANOL SOLUTION	0.0871	0.0000
ID-CFA-259	RADIOACTIVE PCB OIL W/ TCLP ORGANICS	0.4164	0.0000
ID-CFA-533	ARA-I D&D NONCOMPACTIBLE LEAD	0.0000	0.0000
ID-CFA-551	HDEHP/HEPTANE EXTRACTANT	0.2385	0.0500
ID-CFA-556	AQUEOUS WASTE SUBJECT TO UHCS	1.0221	0.0000
ID-CFA-661	ELECTRICAL COMPONENTS W/ LEAD	3.6459	0.0000
ID-CFA-662	SCINTILLATION COCKTAILS	0.2082	0.0030
ID-CFA-664	EDTA AND LEAD	0.3028	0.0050
ID-CFA-667	MIXED LEAD	0.0606	0.1500
ID-CFA-676	RESIN COLUMN MEDIA	0.1136	0.0000
ID-CFA-677	DEMINERALIZER FILTER	0.1136	0.0000
ID-CFA-688	ARA-1 SOILS W/LEAD	0.0000	5.7000
ID-CFA-695	ARA-II SEPTIC TANK SOLIDIFIED SLUDGE	1.4574	1.5000
ID-CFA-701	PAINT RESIDUE CONTAMINATED W/ PCBs	0.1514	0.0100
ID-CFA-702	ARA-1 D&D PPE AND PIPING/DRAINS	1.3060	1.0000
ID-CFA-705	VERMICULITE WITH GREASE	0.2082	0.1000
ID-CFA-734	XYLENE, ALIQUOT 336 WITH PERCHLORATE	0.2082	0.0050
ID-INL-117	CONTAMINATED CADMIUM SHEETING	0.8328	0.0000
ID-INL-142	LEAD-CONTAMINATED DEBRIS	29.8507	7.5212
ID-INL-143	RADIOACTIVELY CONTAMINATED LEAD	47.2769	95.9795
ID-INL-187	S1G SODIUM	2.7406	0.0000
ID-INL-213	MERCURY-CONTAMINATED DEBRIS & ASBESTOS	0.9083	0.0000
ID-INL-266	WERF MONITOR DEBRIS	5.4369	0.0000
ID-INL-267	PWTU SPENT FILTERS	0.4429	1.4000

ID-INL-270	HEAVY METAL-CONTAMINATED SOLIDS	0.3596	0.4000
ID-INL-289	MISC. LABORATORY WASTES	1.6618	1.2042

Table 4-1. (continued).

Waste Stream ID	Waste Stream Name	Current Storage Vol (m^3)	5-year Generation (m^3)
ID-INL-299	SAMPLE WASTE	4.6522	0.9910
ID-INL-687	LEGACY SAMPLES	1.2331	1.0000
ID-INL-694	RETURNED SAMPLING RESIDUE	0.3975	0.0000
ID-INL-700	PCB-CONTAMINATED DEBRIS AND RESIDUE	1.3362	1.9000
ID-INL-710	MLLW FLOOR STRIPPING MATERIALS	0.0757	0.0000
ID-INL-724	MIXED LOW-LEVEL LIQUIDS	0.8517	0.0000
ID-INL-725	LISTED DEBRIS	2.4794	0.0000
ID-INL-726	MLLW OILS	0.7760	0.0000
ID-IRC-271	BIOPROCESSING MIXED WASTE	0.0000	0.0000
ID-IRC-501	Cd AND Pb-CONTAMINATED SOIL, TRACE RAD	0.1136	0.0000
ID-IRC-668	BIOASSAY ANALYSIS WASTE	0.0000	9.0000
ID-PBF-147	SOLIDIFIED WERF ASH (FAILED TCLP)	10.5050	0.0000
ID-PBF-153	TAN/IET HOT WASTE SLUDGE	2.5173	0.0000
ID-PBF-212	Pb AND Cd-CONTAMINATED SOIL	0.0757	0.0000
ID-PBF-261	WERF BAGHOUSE BAGS (TEFLON)	13.9578	0.0000
ID-PBF-263	WERF HEPA FILTERS AND PREFILTERS	20.2687	16.3100
ID-PBF-264	WERF BAGHOUSE BAGS (BLUE MAX)	17.6809	6.3000
ID-PBF-272	URANIUM SPIKES AND LEAD	0.0303	0.0000
ID-PBF-274	WERF FLY ASH	2.8542	4.2000
ID-PBF-275	WERF BOTTOM ASH	1.3703	0.0000
ID-PBF-277	WERF SIZING BAGHOUSE DUST	0.5375	1.0500
ID-PBF-297	TREATABILITY STUDY RESIDUES	2.7783	0.2400
ID-PBF-545	CERCLA SOIL CONTAMINATED WITH CHROMIUM	3.4447	0.0000
ID-PBF-549	AQUEOUS LIQUID W/METALS AND PCBs	0.0000	0.0000
ID-PBF-550	MLLW FROM WERF OPERATIONS	41.9595	201.7575
ID-PBF-678	MWSF PIPING AND VALVES	5.4861	0.0000
ID-PBF-681	DEBRIS FROM HEAT EXCHANGER	4.4938	7.0790
ID-PBF-684	RINSATE WATER	0.0757	0.0000
ID-PBF-686	MERCURY-CONTAMINATED RAGS	0.0189	0.0000
ID-PBF-714	WERF INCINERATOR FLY ASH	10.3569	0.0000
ID-PBF-715	WERF INCINERATOR BOTTOM ASH	13.6123	0.0000
ID-RWM-255	MERCURY-CONTAMINATED SOIL	2.2107	0.0000
ID-RWM-508	EQUIPMENT PIT DECON WASTE	0.2271	0.0000
ID-RWM-685	HEPA FILTERS FROM DRUM VENT FACILITY	5.4369	0.0000
ID-RWM-692	NITRATE SALTS	0.4164	0.4000
ID-SMC-133	MISCELLANEOUS LAB WASTES	0.9653	1.0000
ID-SMC-301	TCA STILL BOTTOMS	0.5678	0.0000
ID-SMC-303	MISCELLANEOUS PAINT WASTES	1.9533	0.0000
ID-SMC-305	HEAVY METAL-CONTAMINATED WASTE OILS	0.3520	1.0000
ID-SMC-400	RAD-CONTAMINATED LEAD	0.0000	0.0000
ID-SMC-411	MIXED WASTE DEBRIS	4.4195	12.0000
ID-SMC-507	EUTECTIC SALT WITH LEAD (Pb)	2.3091	0.0000
ID-SMC-528	CADMIUM-CONTAMINATED MOP WATER	0.0000	0.0000
ID-SMC-537	MERCURY-CONTAMINATED MATERIALS	0.2082	0.0000
ID-SMC-691	NITRIC ACID	0.4164	0.0000
ID-SMC-696	LEGACY TCE AND CORROSIVE WATER	0.0379	0.0038
ID-TAN-124	HTRE-3 Hg CONTAMINATED CONCRETE	7.3626	0.0000

1	ID-TAN-126	HTRE-3 SPILL CLEANUP MATERIAL	1.0410	0.0000
2	ID-TAN-161	TAN TCLP SLUDGE (TCE, PCE)	0.2082	0.0000
3	ID-TAN-170	IET LIQUID WASTE	0.9577	0.0000
4	ID-TAN-188	TURCO DECON SOLUTION (UNUSED)	0.1136	0.0000
5	ID-TAN-209	TURCO DECON (OXIDIZER)	0.4164	0.0000
6	ID-TAN-254	HTRE-3 TREATMENT SLUDGE	0.8328	0.0000

Table 4-1. (continued).

Waste Stream ID	Waste Stream Name	Current Storage Vol (m^3)	5-year Generation (m^3)
ID-TAN-413	LEAD-CONTAMINATED SCRAP METAL	1.8880	5.5000
ID-TAN-502	ISV HEPA FILTERS	0.3987	0.0000
ID-TAN-531	LEAD SHIELDING LOFT MOBILE TEST	0.2271	9.7000
ID-TAN-534	TAN-616 LEAD SHIELDING (PLATING)	0.0000	0.0500
ID-TAN-547	RADIOACTIVE CADMIUM SOURCES	0.0303	0.0000
ID-TAN-548	MACROENCAPSULATED LEAD SWARF	5.4369	5.5000
ID-TAN-557	TAN-607 FLOOR SWEEPINGS & VAT RESIDUE	0.1703	0.0000
ID-TAN-559	GWTF and PWTU WASTE	23.6685	3.2000
ID-TAN-666	PCB-CONTAMINATED DEBRIS	0.9766	0.0000
ID-TAN-679	TAN-648 RPSSA RAINWATER	5.6970	0.0000
ID-TAN-709	DRUM EVAPORATOR SOLIDS	0.3142	0.0000
ID-TAN-718	SAMPLING EQUIPMENT AND RESIDUE	0.4921	0.5000
ID-TAN-721	SILVER ZEOLITE	2.9337	0.0000
ID-TAN-723	PAINT CHIPS WITH LEAD/PCBs	0.0757	0.0000
ID-TEC-111	CADMIUM-CONTAMINATED SOLIDS	0.4467	0.0000
ID-TEC-131	MERCURY-CONTAMINATED SOLIDS	4.5425	0.0120
ID-TEC-154	RADIOACTIVE-CONTAMINATED LEAD	42.7770	0.9315
ID-TEC-160	PCB-CONTAMINATED WASTE	0.7571	0.6895
ID-TEC-201	F002 CONTAMINATED SOLIDS	0.0000	0.0000
ID-TEC-217	SCRUB PUMP RADIOACTIVE OIL	0.6264	0.0945
ID-TEC-300	"A" CADMIUM RACKS	37.6616	0.0000
ID-TEC-301	LIQUID ACID/MERCURY MIXED WASTE	0.3634	0.2600
ID-TEC-302	LIQUID HIGH CHLORIDE CORROSIVE MW	7.7693	5.6630
ID-TEC-304	CONTAMINATED DEBRIS	1,741.9927	132.5886
ID-TEC-305	LLW APS HEPA FILTERS	4.5307	40.2200
ID-TEC-306	D006-D011 CONTAMINATED SOLIDS	1.7369	4.2500
ID-TEC-307	CONTAMINATED LABORATORY RESIDUE	0.6481	0.0945
ID-TEC-308	LET&D HEPA FILTERS	2.2087	4.5000
ID-TEC-504	NON-DEBRIS SOLIDS	3.3949	5.9160
ID-TEC-510	DEBRIS TREATMENT RESIDUE–LISTED	0.0000	5.0000
ID-TEC-511	SLUDGE–LISTED	0.0000	0.0000
ID-TEC-527	CONTAMINATED SOIL-LISTED	0.3404	0.7075
ID-TEC-530	D006-D011 CONTAMINATED NON-DEBRIS	2.8115	0.0000
ID-TEC-552	RADIOACTIVE LEAD WITH LISTED CODES	6.3258	90.8316
ID-TEC-698	SOIL, WOOD, CONCRETE, PPE	0.0000	270.0000
ID-TEC-708	NWCF HEPA FILTER SAMPLE RESIDUES	0.0379	0.0945
ID-TEC-713	TURCO DESCALER AT NWCF	0.3218	0.0000
ID-TEC-717	SAMPLE RESIDUE FROM CERAMIC SAMPLING	0.0379	0.0000
ID-TRA-127	TRA SCINTILLATION COCKTAILS (ALPHA <10)	0.2839	0.0000
ID-TRA-128	LABORATORY EQUIPMENT AND DEBRIS	0.6094	3.7850
ID-TRA-157	TRA WARM WASTE POND SAMPLES	2.9526	0.0000
ID-TRA-253	CADMIUM FUEL GRID	27.7223	0.0000
ID-TRA-269	ELECTRONIC BOARD & MISC. MACHINERY	0.0681	0.7140
ID-TRA-281	ETR NONCOMPACTIBLE LEAD	0.0000	0.0000
ID-TRA-282	MTR D&D NONCOMPACTIBLE LEAD	0.0000	0.0000
ID-TRA-294	SOLVENT-CONTAMINATED RAGS	0.2271	0.0000
ID-TRA-525	SOLVENT EXTRACTANTS	0.0000	0.1000
ID-TRA-667	PCB ACID DIGESTION RESIDUE	0.0303	0.0000
ID-TRA-693	LEAD-CONTAMINATED PAINT CHIPS	0.0189	1.0000
ID-TRA-704	ARMF AND CFRMF COMPONENTS AND SHIELDING	4.0410	1.2500
NR-NRF-117	CADMIUM SHEETS	0.0000	0.0002
NR-NRF-142	LEAD-CONTAMINATED DEBRIS	1.3855	5.1810

NR-NRF-143	RADIOACTIVE-CONTAMINATED LEAD (NRF)	5.2887	8.4948
NR-NRF-190	LEAD FILINGS	0.0379	0.0000

Table 4-1. (continued).

Waste Stream ID	Waste Stream Name	Current Storage Vol (m^3)	5-year Generation (m^3)
NR-NRF-514	PAINT CHIPS	1.3249	0.3028
NR-NRF-515	LIQUID MERCURY	0.0000	0.0000
NR-NRF-517	OIL WITH HEAVY METALS	0.0189	0.8320
NR-NRF-518	WATER WITH HEAVY METALS	0.3785	1.8900
NR-NRF-520	BRASS AND BRONZE	5.3824	1.5000
NR-NRF-665	PAINT CHIPS W/ PCB AND RCRA	9.5619	26.7000
NR-NRF-673	HEAVY METAL DEBRIS	21.5943	30.0000
NR-NRF-682	MERCURY LIGHT BULBS	0.6852	2.5000
NR-NRF-703	CORROSIVE LIQUIDS WITH HEAVY METALS	0.0000	3.0200
NR-NRF-706	RH PARTICULATES WITH HEAVY METALS	0.8517	0.5000
NR-NRF-720	CH MLLW PARTICLES CONTAINING HEAVY METALS	0.2082	0.0000
	Total	2408.1905	815.8220

WERF = Waste Experimental Reduction Facility

FCF = Fuel Cycle Facility

D&D = decontamination and decommissioning

TCLP = toxicity characteristic leaching procedure

TAN = Test Area North

IET = Initial Engine Test

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act

PCB = polychlorinated biphenyl

MWSF = Mixed Waste Storage Facility

TCA = trichloroethane

TCE = trichloroethylene

HTRE-3 = Heat Transfer Reactor Experiment No. 3

PCE = perchloroethylene

ISV = in situ vitrification

GWTF = Groundwater Treatment Facility

PWTU = Portable Water Treatment Unit

APS = Atmospheric Protection System

TRA = Test Reactor Area

ETR = Experimental Test Reactor

MTR = Materials Test Reactor

1 CH = contact handled

4.2 Transuranic-Contaminated Waste Streams

The waste streams identified in Section 4.2 are transuranic-contaminated waste streams. Alpha-MLLW (MLLW with transuranic contamination of less than 100 nCi per gram of waste) has traditionally been managed at the INEEL along with MTRU waste. Most INEEL mixed transuranic-contaminated wastes are expected to go to WIPP following treatment. Mixed transuranic-contaminated waste with greater than 100 nCi per gram of transuranic-constituents that meet the WIPP WAC may be sent to WIPP without treatment prior to the availability of treatment. Once treatment is available, the majority of the transuranic-contaminated waste will be treated prior to disposal at WIPP. These treatments may or may not meet LDR requirements in addition to meeting the WIPP WAC. Repackaging of transuranic-contaminated waste to meet the WIPP WAC is not considered treatment for the purpose of this document. Polychlorinated biphenyl- (PCB-) contaminated (exceeding 50 ppm) transuranic-contaminated waste will be treated to meet TSCA requirements, as the RCRA No-Migration Petition does not provide relief from TSCA treatment requirements. In May 1995, DOE decided to pursue private sector treatment of the transuranic-contaminated waste stored at the INEEL. The schedule for obtaining the private sector treatment is included in Section 5. The RH transuranic-contaminated waste not treated at the AMWTP will be treated at the RH Immobilization Facility or repackaged for direct disposal in WIPP. The schedule for the RH Immobilization Facility has also been included in Section 5. Table 4-2 lists the mixed transuranic-contaminated waste streams stored or generated at the INEEL for treatment at INEEL.

Table 4-2. Transuranic-contaminated waste streams requiring treatment.

Waste Stream	Waste Stream	Current Storage Vol (m^3)	5-Year Generation (m^3)
CH-ANL-142T	LEAD-CONTAMINATED WASTE	0.6246	0.1000
CH-ANL-180T	SODIUM - TRU	13.6241	0.5000
CH-ANL-182T	SODIUM POTASSIUM -NaK- TRU	0.2549	0.0000
CH-ANL-218T	ELECTROREFINER SALT	0.0000	10.0000
CH-ANL-241T	TRU-CD-HOT CELL WASTE	1.5010	0.1000
CH-ANL-245T	ELECTROREFINER CADMIUM	0.0000	0.1100
CH-ANL-503T	TRU WASTE USED PRE-FILTERS	3.6246	0.2200
CH-ANL-505T	ALHC UPGRADE DECON DEBRIS	4.7195	0.0100
ID-AEO-100	GENERAL PLANT WASTE	371.0000	0.0000
ID-AEO-100T	GENERAL PLANT WASTE	770.0940	0.0000
ID-AEO-101	CUT UP GLOVEBOXES	38.5000	0.0000
ID-AEO-101T	CUT UP GLOVEBOXES	211.8500	0.0000
ID-AEO-102	ABSORBED LIQUIDS	13.4640	0.0000
ID-AEO-102T	ABSORBED LIQUIDS	54.2960	0.0000
ID-AEO-105T	EMPTY BOTTLES AND ABSORBENTS	1.4840	0.0000
ID-AEO-106T	SPECIAL SOURCE MATERIAL	0.2120	0.0000
ID-AEO-107T	REMOTE-HANDLED WASTE	24.7400	0.0000
ID-AEO-110T	RESEARCH GENERATED WASTE	3.5940	0.0000
ID-AEO-120T	COMPACTIBLE AND COMBUSTIBLE WASTE	0.4240	0.0000
ID-ANL-160T	ANL-W HFEF ANALYTICAL CHEMISTRY	0.2120	0.0000
ID-ANL-161	ANL-W ANALYTICAL CHEMISTRY LAB	1.0600	0.0000
ID-ANL-162T	ANL-W FMF EFL Zr-U FUEL CASTING	10.5820	0.0000
ID-ANL-163T	ANL-W ACL COLD-LINE ABSORBED LIQUID	1.2720	0.0000
ID-BCO-201	NONCOMBUSTIBLE SOLIDS	80.5000	0.0000
ID-BCO-201T	NONCOMBUSTIBLE SOLIDS	64.9040	0.0000
ID-BCO-202	COMBUSTIBLE SOLIDS	14.0000	0.0000
ID-BCO-202T	COMBUSTIBLE SOLIDS	4.1360	0.0000
ID-BCO-203	PAPER, METALS, GLASS	21.0000	0.0000
ID-BCO-203T	PAPER, METALS, GLASS	5.5120	0.0000
ID-BCO-204	SOLIDIFIED SOLUTIONS	0.6360	0.0000
ID-BCO-204T	SOLIDIFIED SOLUTIONS	0.8480	0.0000
ID-BTO-010	RAGS, GLOVES, POLY	33.7080	0.0000
ID-BTO-010T	RAGS, GLOVES, POLY	165.5720	0.0000
ID-BTO-020	NONCOMPRESSIBLE, NONCOMBUSTIBLE	62.3280	0.0000
ID-BTO-020T	NONCOMPRESSIBLE, NONCOMBUSTIBLE	106.0000	0.0000
ID-BTO-030	SOLIDIFIED GRINDING SLUDGE, ETC.	0.4240	0.0000
ID-BTO-030T	SOLIDIFIED GRINDING SLUDGE, ETC.	9.5400	0.0000
ID-BTO-040T	SOLID BINARY SCRAP POWDER, ETC.	36.4640	0.0000
ID-INL-142T	TRANSURANIC-CONTAMINATED LEAD	12.1200	0.0000
ID-INL-150	LABORATORY WASTE	3.8160	0.0000
ID-INL-150T	LABORATORY WASTE	27.4890	0.0000
ID-INL-155	SCRAP	4.4420	0.0000
ID-INL-155T	SCRAP	15.0080	0.0000
ID-INL-157T	MISCELLANEOUS SOURCES	3.8120	0.0000
ID-MDO-801T	RAGS, PAPER, WOOD, ETC.	7.6300	0.0000
ID-MDO-802T	DRY BOX GLOVES AND O-RINGS	25.6520	0.0000
ID-MDO-803	METAL, EQUIPMENT, PIPES, VALVES, ETC.	2.7560	0.0000
ID-MDO-803T	METAL, EQUIPMENT, PIPES, VALVES, ETC.	35.4040	0.0000

Table 4-2. (continued).

Waste Stream	Waste Stream	Current Storage Vol (m^3)	5-Year Generation (m^3)
ID-MDO-805T	ASBESTOS FILTERS	8.0560	0.0000
ID-MDO-810T	GLASS, FLASKS, SAMPLE VIALS, ETC.	2.7560	0.0000
ID-MDO-811T	EVAPORATOR AND DISSOLVER SLUDGE	0.8480	0.0000
ID-MDO-813T	GLASS FILTERS AND FIBERGLASS	0.6360	0.0000
ID-MDO-814T	CONTAMINATED MERCURY OR GRAPHITE	0.4240	0.0000
ID-MDO-815T	CLASSIFIED PARTS	0.4240	0.0000
ID-MDO-824	NONCOMBUSTIBLE EQUIPMENT BOXES	836.8800	0.0000
ID-MDO-824T	NONCOMBUSTIBLE EQUIPMENT BOXES	370.8900	0.0000
ID-MDO-826	COMBUSTIBLE EQUIPMENT BOXES OR FLOOR SWEEPINGS	9.9340	0.0000
ID-MDO-826T	COMBUSTIBLE EQUIPMENT BOXES OR FLOOR SWEEPINGS	79.8860	0.0000
ID-MDO-827T	COMBUSTIBLE EQUIPMENT DRUMS	1.9080	0.0000
ID-MDO-834	HIGH-LEVEL ACID	39.8560	0.0000
ID-MDO-834T	HIGH-LEVEL ACID	151.1560	0.0000
ID-MDO-835	HIGH-LEVEL CAUSTIC	178.9280	0.0000
ID-MDO-835T	HIGH-LEVEL CAUSTIC	176.1720	0.0000
ID-MDO-836	HIGH-LEVEL SLUDGE/CEMENT	880.2240	0.0000
ID-MDO-836T	HIGH-LEVEL SLUDGE/CEMENT	5.5120	0.0000
ID-MDO-838	<10 nCi/g NONCOMBUSTIBLE	0.2120	0.0000
ID-MDO-842	CONTAMINATED SOIL	85.5900	0.0000
ID-MDO-842T	CONTAMINATED SOIL	38.0400	0.0000
ID-MDO-847	LSA < 100 nCi/g COMBUSTIBLE	152.8520	0.0000
ID-MDO-847T	LOW SPECIFIC ACTIVITY (< 100 nCi/g)	4.2400	0.0000
ID-MDO-848	LSA < 100 nCi/g NONCOMBUSTIBLE	27.1360	0.0000
ID-MDO-848T	LOW SPECIFIC ACTIVITY (< 100 nCi/g)	1.2720	0.0000
ID-OFS-111	RESEARCH-GENERATED WASTE	285.3320	0.0000
ID-OFS-111T	RESEARCH-GENERATED WASTE	553.5320	0.0000
ID-OFS-121	DECONTAMINATION AND DECOMM.WASTE	0.2120	0.0000
ID-OFS-121T	DECONTAMINATION AND DECOMM. WASTE	25.7800	0.0000
ID-RFO-000	NOT RECORDED - UNKNOWN	136.7400	0.0000
ID-RFO-000T	NOT RECORDED - UNKNOWN	4,139.6560	0.0000
ID-RFO-001	FIRST STAGE SLUDGE	58.9260	0.0000
ID-RFO-001T	FIRST STAGE SLUDGE	2,270.0259	0.0000
ID-RFO-002	SECOND STAGE SLUDGE	342.3800	0.0000
ID-RFO-002T	SECOND STAGE SLUDGE	1,293.4740	0.0000
ID-RFO-003	ORGANIC SETUPS, OIL SOLIDS	1,001.8520	0.0000
ID-RFO-003T	ORGANIC SETUPS, OIL SOLIDS	569.3720	0.0000
ID-RFO-004	SPECIAL SETUPS (CEMENT)	103.8800	0.0000
ID-RFO-004T	SPECIAL SETUPS (CEMENT)	226.8300	0.0000
ID-RFO-005	EVAPORATOR SALTS	13.5580	0.0000
ID-RFO-005T	EVAPORATOR SALTS	0.6360	0.0000
ID-RFO-007	BLDG 374 DRY SLUDGE	464.2800	0.0000
ID-RFO-007T	BLDG 374 DRY SLUDGE	382.2760	0.0000
ID-RFO-090	DIRT	28.6200	0.0000
ID-RFO-112	SOLIDIFIED ORGANICS	5.0880	0.0000
ID-RFO-112T	SOLIDIFIED ORGANICS	164.0880	0.0000
ID-RFO-113	SOLID LAB WASTE	2.5440	0.0000
ID-RFO-113T	SOLID LAB WASTE	14.4160	0.0000

1	ID-RFO-114	SOLIDIFIED PROCESS SOLIDS	4.0280	0.0000

Table 4-2. (continued).

Waste Stream	Waste Stream	Current Storage Vol (m^3)	5-Year Generation (m^3)
ID-RFO-114T	SOLIDIFIED PROCESS SOLIDS	70.8080	0.0000
ID-RFO-116	COMBUSTIBLE WASTE	371.1020	0.0000
ID-RFO-116T	COMBUSTIBLE WASTE	2,696.6060	0.0000
ID-RFO-117	METAL WASTE	147.5360	0.0000
ID-RFO-117T	METAL WASTE	1,520.1800	0.0000
ID-RFO-118	GLASS WASTE	6.3500	0.0000
ID-RFO-118T	GLASS WASTE	174.6071	0.0000
ID-RFO-119	HEPA FILTER WASTE	69.1640	0.0000
ID-RFO-119T	HEPA FILTER WASTE	383.2940	0.0000
ID-RFO-122	INORGANIC SOLID WASTE	12.2960	0.0000
ID-RFO-122T	INORGANIC SOLID WASTE	18.2320	0.0000
ID-RFO-123	LEADED RUBBER	2.3320	0.0000
ID-RFO-123T	LEADED RUBBER	63.8100	0.0000
ID-RFO-241	AMERICIUM PROCESS RESIDUE	24.1680	0.0000
ID-RFO-241T	AMERICIUM PROCESS RESIDUE	1.0600	0.0000
ID-RFO-290	FILTER SLUDGE	0.2120	0.0000
ID-RFO-292	CEMENTED SLUDGE	4.8760	0.0000
ID-RFO-292T	CEMENTED SLUDGE	110.4520	0.0000
ID-RFO-301	GRAPHITE CORES	1.2720	0.0000
ID-RFO-301T	GRAPHITE CORES	5.9436	0.0000
ID-RFO-302	BENELEX AND PLEXIGLASS	55.3740	0.0000
ID-RFO-302T	BENELEX AND PLEXIGLASS	22.2000	0.0000
ID-RFO-312T	COARSE GRAPHITE	0.6588	0.0000
ID-RFO-320	HEAVY NONSPECIAL SOURCE METAL	28.6200	0.0000
ID-RFO-320T	HEAVY NONSPECIAL SOURCE METAL	74.6040	0.0000
ID-RFO-328	FULFLO INCINERATOR FILTERS	0.2120	0.0000
ID-RFO-328T	FULFLO INCINERATOR FILTERS	1.4840	0.0000
ID-RFO-330	DRY PAPER AND RAGS	3,150.6300	0.0000
ID-RFO-330T	DRY PAPER AND RAGS	5,774.6440	0.0000
ID-RFO-335	ABSOLUTE 8 X 8 FILTERS	16.5360	0.0000
ID-RFO-335T	ABSOLUTE 8 X 8 FILTERS	26.2380	0.0000
ID-RFO-336	MOIST PAPER AND RAGS	1,452.4040	0.0000
ID-RFO-336T	MOIST PAPER AND RAGS	778.3400	0.0000
ID-RFO-337	PLASTICS, TEFLON, WASH, PVC	352.9400	0.0000
ID-RFO-337T	PLASTICS, TEFLON, WASH, PVC	170.3780	0.0000
ID-RFO-338	INSULATION AND CHEMICAL WARFARE	240.7380	0.0000
ID-RFO-338T	INSULATION AND CHEMICAL WARFARE	60.1580	0.0000
ID-RFO-339	LEADED RUBBER GLOVES AND APRONS	4.8760	0.0000
ID-RFO-339T	LEADED RUBBER GLOVES AND APRONS	160.2320	0.0000
ID-RFO-360	INSULATION	50.4460	0.0000
ID-RFO-360T	INSULATION	3.3920	0.0000
ID-RFO-371	FIREBRICK	183.4820	0.0000
ID-RFO-371T	FIREBRICK	111.3820	0.0000
ID-RFO-374	BLACKTOP, CONCRETE, DIRT, AND SAND	368.0360	0.0000
ID-RFO-374T	BLACKTOP, CONCRETE, DIRT, AND SAND	53.1520	0.0000
ID-RFO-375	OIL-DRI RESIDUE FROM INCINERATOR	3.1800	0.0000
ID-RFO-375T	OIL-DRI RESIDUE FROM INCINERATOR	0.8480	0.0000
ID-RFO-376	CEMENTED INSULATION FILTER MEDIA	94.7440	0.0000

Table 4-2. (continued).

Waste Stream	Waste Stream	Current Storage Vol (m^3)	5-Year Generation (m^3)
ID-RFO-376T	CEMENTED INSULATION AND FILTER	442.3322	0.0000
ID-RFO-409T	MOLTEN SALTS - 30% UNPULVERIZED	6.5720	0.0000
ID-RFO-414T	DIRECT OXIDE REDUCTION SALT	1.0600	0.0000
ID-RFO-430	UNLEACHED ION COLUMN RESIN	1.9080	0.0000
ID-RFO-430T	UNLEACHED ION COLUMN RESIN	4.2400	0.0000
ID-RFO-431	LEACHED RESIN	0.4240	0.0000
ID-RFO-431T	LEACHED RESIN	0.8480	0.0000
ID-RFO-432	LEACHED AND CEMENTED RESIN	8.9040	0.0000
ID-RFO-432T	LEACHED AND CEMENTED RESIN	51.5160	0.0000
ID-RFO-440	GLASS	95.4000	0.0000
ID-RFO-440T	GLASS	224.3841	0.0000
ID-RFO-441	UNLEACHED RASHIG RINGS	164.7240	0.0000
ID-RFO-441T	UNLEACHED RASHIG RINGS	168.9640	0.0000
ID-RFO-442	LEACHED RASHIG RINGS	138.4360	0.0000
ID-RFO-442T	LEACHED RASHIG RINGS	118.6897	0.0000
ID-RFO-460T	WASHABLES, RUBBER, PLASTICS	1.2720	0.0000
ID-RFO-463	LEADED RUBBER GLOVES AND APRONS	1.0600	0.0000
ID-RFO-463T	LEADED RUBBER GLOVES AND APRONS	10.1760	0.0000
ID-RFO-464	BENELEX AND PLEXIGLASS	3.8160	0.0000
ID-RFO-464T	BENELEX AND PLEXIGLASS	6.1480	0.0000
ID-RFO-480	NONSPECIAL SOURCE METAL	6,688.0340	0.0000
ID-RFO-480T	NONSPECIAL SOURCE METAL	5,191.5955	0.0000
ID-RFO-481	LEACHED NONSPECIAL SOURCE METAL	164.3340	0.0000
ID-RFO-481T	LEACHED NONSPECIAL SOURCE METAL	436.3399	0.0000
ID-RFO-490	CHEMICAL WARFARE SERVICE FILTERS	873.4460	0.0000
ID-RFO-490T	CHEMICAL WARFARE SERVICE FILTERS	2,512.3760	0.0000
ID-RFO-700T	ORGANIC AND SLUDGE IMMOBILIZATION	1.9080	0.0000
ID-RFO-900	LOW SPECIFIC ACTIVITY PLASTICS, AND PAPER	92.3720	0.0000
ID-RFO-900T	LOW SPECIFIC ACTIVITY PLASTICS, AND PAPER	0.8480	0.0000
ID-RFO-950	LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.	1,064.9780	0.0000
ID-RFO-950T	LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.	13.9520	0.0000
ID-RFO-970	WOOD	91.3040	0.0000
ID-RFO-970T	WOOD	109.9000	0.0000
ID-RFO-976	BLDG 776 PROCESS SLUDGE	63.8240	0.0000
ID-RFO-976T	BLDG 776 PROCESS SLUDGE	1.0600	0.0000
ID-RFO-978	LAUNDRY SLUDGE	25.3600	0.0000
ID-RFO-978T	LAUNDRY SLUDGE	9.5100	0.0000
ID-RFO-980T	FILTER SLUDGE	0.2120	0.0000
ID-RFO-990	DIRT	99.6400	0.0000
ID-RFO-9999	PRE-73 DRUMS	2,993.6520	0.0000
ID-RFO-9999T	PRE-73 DRUMS	4,492.4920	0.0000
ID-TAN-162	TAN DECON SOLVENT WASTES	1.6959	0.0000
ID-TAN-163	TAN DECON HEAVY METAL SOLIDS AND DEBRIS	0.3218	0.0000
ID-TAN-200T	AMERICIUM SOURCES	0.2120	0.0000
ID-TEC-151T	SOLIDIFIED FUEL SLUDGE	0.2280	0.0000
ID-TEC-156	CHEM CELL RIP-OUT	28.5300	0.0000
ID-TEC-172	HEPA FILTERS	32.1558	18.6600
ID-TEC-670T	MTRU LABORATORY ANALYTICAL WASTE	4.8642	32.5000

Table 4-2. (continued).

Waste Stream	Waste Stream	Current Storage Vol (m^3)	5-Year Generation (m^3)
ID-TEC-699T	MIXED TRU WASTE FROM NWCF AND CSSF	3.1916	2.8000
ID-TRA-291T	TRU HEAVY METAL SLUDGE	2.0820	0.0000
ID-TRA-526	RADIOACTIVE METALS (Cr, Cd, Pb, Ba, etc.)	0.0757	0.0000
ID-TRA-707	NITRIC ACID FROM TMI FUEL FINES	0.2082	0.0000
	Totals	63,145.4678	65.0000

ALHC = Analytical Laboratory Hot Cell

FMF = Fuel Manufacturing Facility

EFL = estimated failure level

ACL = Analytical Chemistry Laboratory

LSA = low specific activity (waste)

PVC = polyvinyl chloride

4.3 High-Level Waste Streams

HLW is the highly radioactive waste material that results from the reprocessing of spent nuclear fuel, including liquid waste produced directly from reprocessing and any solid waste derived from the liquid that contains a combination of transuranic contaminants and fission products in concentrations requiring permanent isolation. HLW at the INEEL includes calcine solids and HLLW. For the purposes of this STP, HLLW includes sodium-bearing liquid waste that will be treated by facilities described in this section but can be more accurately characterized as mixed transuranic (MTRU). Waste streams identified as HLW are listed in Table 4-3.

Table 4-3. High-level waste streams requiring treatment.

Waste Stream ID	Waste Stream Name	Current Storage Volume (m^3)	5-Year Generation (m^3)
ID-TEC-173	High-Level Liquid Waste	3,772	1,205.0000
ID-TEC-174	High-Level Waste Calcine Solids	4,386	0
	Totals	8,158	1,205.0000

4.4 Offsite Mixed Waste Streams Identified for Treatment at the INEEL

This section presents mixed waste stream information for wastes generated offsite, which DOE proposes to ship and treat onsite pursuant to Section 2.2.3.5 and 2.4 of the INEEL STP.

Information presented in this section is subject to change as more information from offsite sources becomes available.

Table 4-4 presents the name of the generating and/or shipping site, the Mixed Waste Inventory Report (MWIR) identification number, the waste stream name, and current stored volume, the projected 5-year shipment volume, and the date, if any; the applicable waste treatment plan was approved by DEQ pursuant to Section 2.4.4.

Additionally, since the INEEL has been identified as the lead laboratory for the mixed waste focus area, it may become necessary to test pilot-scale plants located at the INEEL. If this occurs, small volumes (<0.1 m^3) may be treated at pilot-scale plants located at the INEEL. Similarly, the INEEL may be the site of treatability studies pursuant to 40 CFR 260.10, and 261.4(e) and (f). In some cases, waste or waste samples may be transported from offsite to the INEEL for pilot-scale treatment or for the purpose of conducting a treatability study. The shipment to and storage of such offsite waste at the INEEL are subject to applicable federal, state and local requirements. These requirements include the requirements of the STP, except that such storage and shipment shall not be subject to the requirements of Section 2.2.3.5 and 2.4 and the waste shall not be added to Tables 4-4 or 4-5 of the INEEL STP. Nonetheless, DOE shall provide written notification to the DEQ Project Manager (1) prior to the shipment of such waste from offsite; (2) upon receipt of such waste at the INEEL; and (3) at the time that such waste, and any treatment residue, is shipped offsite. Unless specifically approved by DEQ, all such waste or samples shall be treated within six months of receipt at the INEEL and shall be shipped offsite for storage or disposal, along with any treatment residue, within six months following treatment. These time periods for storage apply separately to each shipment of covered waste received at the INEEL.

Proposals for shipment to the INEEL of the wastes listed in this section are subject to change based on the final treatment plans derived from waste characterization data submitted by offsite generators and negotiations with the State of Idaho.

When a waste stream listed in Table 4-4 is remove from Table 4-4 under the provisions of Section 2.7.2, the waste stream will be added to Table 4-6.

Table 4-4. Offsite waste streams identified for treatment at the INEEL.

Waste Stream ID	Waste Stream Name	Stored Waste Volume (m^3)	Future Generated Volume (m^3/5 year)	Storage Approval Date
Site Name: Charleston Naval Shipyard				
CN-W003	LEAD AND/OR CHROMIUM-BASED PAINT CHIPS	0.2082	0.0000	10/30/95
CN-W005	Cd-PLATED METALS	0.1136	0.0000	10/30/95
CN-W006	BRASS & BRONZE	0.4921	0.0000	10/30/95
	Subtotal:	0.8139	0.0000	
Site Name: Knolls Atomic Power Laboratory - Windsor				
KW-W014	PCB-CONTAMINATED WASTE	2.7633	0.0000	10/30/95
	Subtotal:	2.7633	0.0000	
Site Name: Mare Island Naval Shipyard				
MI-W001	SOLID WASTE WITH HEAVY METALS	1.2492	0.0000	10/30/95
MI-W002	SOLIDIFIED SOLUTION WITH HEAVY METALS	1.2908	0.0000	10/30/95
MI-W003	PAINT CHIPS W/HEAVY METALS	0.2082	0.0000	10/30/95
MI-W004	EQUIPMENT CONTAINING THALLIUM	2.7184	0.0000	10/30/95
MI-W008	BRASS AND BRONZE	1.2492	0.0000	10/30/95
MI-W010	BATTERIES AND FILM PACKS WITH MERCURY	0.2082	0.0000	10/30/95
MI-W011	MATERIALS CONTAINING PCBs	0.4164	0.0000	10/30/95
MI-W014	INORGANIC DEBRIS W/HEAVY METALS W/O Hg	1.0410	0.0000	10/30/95
	Subtotal:	8.3814	0.0000	

VOC = volatile organic compound

TBC = to be determined

NE = nuclear engineering

4.5 Pre- and Post-Treatment/Storage of Offsite Mixed Waste

This section details the process that will be followed for tracking INEEL storage of offsite mixed waste listed in Table 4-4 of the INEEL STP.

Pursuant to Section 2.2.3.5 of the INEEL STP, approval by DEQ for up to six months pre- and post-treatment storage of offsite mixed waste listed in Table 4-4 of the STP is granted when the treatment plans are approved by DEQ pursuant to Section 2.4. The approval date for each offsite waste stream is listed in Table 4-4. For purposes of defining the end of the first six months and beginning of the second six months, treatment will be considered complete when the primary treatment step has been completed. The primary treatment step is defined as the first step in the treatment train that renders the waste less hazardous and excludes pre-treatment (sizing, repackaging, blending, etc.) as identified in the treatment plan in Table 6-2 of the STP. As an example, incineration is considered the primary treatment step in the treatment train of transport, open/segregate/repack, incineration, and stabilization. Macroencapsulation is the primary treatment step in the treatment train of transport, open/segregate/repack, sizing, and macroencapsulation.

Offsite waste storage for greater than six months pre- and post-treatment storage at the INEEL requires additional approval by the DEQ. That approval is identified in paragraph (d) below and will be documented in Table 4-4.

The following process will be used for notification and documentation:

(a) Subsequent to approval of the treatment plan by DEQ, DOE will notify the DEQ of the proposed schedule for receipt and completion of the primary treatment of offsite mixed waste, and shipment of the treated waste and waste treatment residues offsite at the quarterly meeting or, if necessary, no later than one week prior to the shipment of the waste. This notification will be accomplished by submittal of a new STP Table 4-5 that lists the waste streams and the corresponding dates.

(b) The DOE STP Project Manager will also orally notify the DEQ STP Project Manager of the actual dates the offsite mixed waste is received at the INEEL, when the primary treatment step listed in Table 6-2 is complete, and when the waste and treatment residues are shipped offsite. This oral notification will be made within two working days of the occurrence. Table 4-5 will be updated at each quarterly INEEL STP meeting to reflect the actual dates if these dates differ from the dates proposed in Table 4-5. When a waste stream has been shipped offsite, it will be removed from Table 4-5 at the next quarterly INEEL STP meeting.

(c) In the event delays beyond the control of DOE occur (such as treatment unit downtime, maintenance, or transportation delays) that could impact the ability to meet the proposed schedule submitted in Table 4-5, the DOE Project Manager will orally notify the DEQ STP Project Manager within five days of knowledge of the delay. A modified Table 4-5 will be developed by DOE and submitted to the DEQ in writing within ten working days of the initial oral notification of the delay.

(d) For offsite mixed waste, which is in Table 4-4 of the INEEL STP, that requires greater than six

month pre- and post-treatment storage at the INEEL, approval by DEQ of the proposed schedule will be obtained under 2.2.3.5 of the INEEL STP on a case basis through submittal of the proposed schedule added to Table 4-5. The date the approval is obtained from the DEQ will be added to Table 4-4, which will be updated as part of the quarterly INEEL STP meetings.

Table 4-5. Offsite Mixed Waste Streams Approved For Pre- and Post-Treatment Storage.

WASTE STREAM ID	SITE NAME	WASTE REQUIRES > SIX MONTHS PRE- AND/OR POST-TREATMENT STORAGE	DATE RECEIVED P= Proposed A= Actual	DATE OF PRIMARY TREATMENT P= Proposed A= Actual	DATE TREATED WASTES AND/OR TREATMENT RESIDUES SHIPPED OFFSITE P= Proposed A= Actual
MI-W001	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W002	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W003	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W004	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W008	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W010	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W011	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
MI-W014	Mare Island Naval Shipyard	YES	1/3/96 (A)	—	TBD
CN-W003	Charleston Naval Shipyard	YES	1/23/96 (A)	—	TBD
CN-W005	Charleston Naval Shipyard	YES	1/23/96 (A)	—	TBD
CN-W006	Charleston Naval Shipyard	YES	1/23/96 (A)	—	TBD
KW-W014	Knolls Atomic Power – Windsor	YES	11/24/98 (A)	TBD/AMWTP	TBD
KW-W014	Knolls Atomic Power – Windsor	YES	6/21/99 (A)	TBD/AMWTP	TBD
KW-W014	Knolls Atomic Power – Windsor	YES	10/12/99 (A)	TBD/AMWTP	TBD

4.6 Deletion of Waste Streams

This section presents mixed waste streams that are no longer identified as wastes covered under this STP. These waste streams have been removed under provisions in Section 2.7.1 (Deletion of Waste). Table 4-6 presents the mixed waste streams and date when the waste was removed.

Table 4-6. Deleted Waste Streams.

Waste Stream ID	Waste Stream Name	Disposition Date
INEEL Waste Streams		
CH-ANL-184	SOLVENT DECON SOLUTION (NONHALOGENATED)	2/12/96
	Disposition: This waste was sent to DSSI and burned for energy recovery. There is no waste currently in storage associated with this waste stream or that is projected to be generated in the next five years.	
CH-ANL-243T	METAL WASTE FORM	6/30/97
	Disposition: This waste will not be generated as a mixed waste, LLW only.	
CH-ANL-246T	ELECTROREFINER INSOLUBLES W/ CADMIUM	6/30/97
	Disposition: This waste will not be generated as a mixed waste, LLW only.	
CH-ANL-601	Cd-CONTAMINATED CLEANUP WASTE	5/28/96
	Disposition: Incinerated at WERF. No waste is currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-193	EBR-I NaK	8/13/96
	Disposition: Treated at SCMS. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-257	METHYLENE CHLORIDE LAB WASTE	8/13/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-260	RADIOACTIVE PCB OIL W/ HEAVY METALS	8/13/96
	Disposition: Repackaged into ID-CFA-259. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-280	BORAX D&D NONCOMPACTIBLE LEAD SHIELDING	2/23/98
	Disposition: No future generation of this waste stream.	
ID-CFA-285	METHYLENE CHLORIDE LAB DEBRIS	5/28/96
	Disposition: Incinerated at WERF. No waste is currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-298	DISTILLATION LIQUID WITH PYRIDINE	10/30/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-532	BORAX D&D CADMIUM FUEL RACK	2/12/96
	Disposition: This waste stream was determined to be non-hazardous through TCLP testing.	
ID-CFA-535	SAMPLE ACIDIFIED FOR SULFIDE AND CYANIDE	5/28/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-CFA-732	CONTAMINATED GROUNDWATER SAMPLES	2/23/98
	Disposition: Treatability study on 100% of waste. No future generation of this waste stream.	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
ID-INL-100	REPACKAGED WASTE	5/15/98
	Disposition: Assigned remaing waste to WS ID-PBF-550. The waste has been repackaged into burn boxes. No future generation planned for this waste stream.	
ID-INL-220	ACTIVATED CARBON LLMW	2/24/97
	Disposition: All backlog waste has been incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated since the PWTU will not be operated.	
ID-INL-268	PWTU SPENT RESINS	2/24/97
	Disposition: All backlog waste has been incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated since the PWTU will not be operated.	
ID-NRF-217	HEAVY METAL RADIOACTIVE OIL	5/28/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-PBF-292	FREON SYSTEM WASTE - LIQUID	8/17/98
	Disposition: No future generation of this waste stream. All inventory has been treated via incineration.	
ID-PBF-293	FREON SYSTEM WASTE - SOLIDS	8/13/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-PBF-558	WERF MERCURY IN OIL	2/23/98
	Disposition: Treatability study on 100% of waste. No future generation of this waste stream.	
ID-RFO-300	GRAPHITE MOLDS	4/27/99
	Disposition: Characterization data showed that this waste stream is non-hazardous.	
ID-RFO-300T	GRAPHITE MOLDS	4/27/99
	Disposition: Characterization data showed that this waste stream was non-hazardous.	
ID-RWM-221	IGNITABLE LIQUID	5/28/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-RWM-222	CARBURETOR GREASE	5/28/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-SMC-149A	SPENT GM 141 SAPC SOLVENT	8/17/98
	Disposition: No future generation of this waste stream. All inventory has been treated via incineration	
ID-SMC-149B	SPENT STODDARD SOLVENT	8/17/98
	Disposition: No future generation of this waste stream. All inventory has been treated via incineration.	
ID-SMC-304	CALCINED URANYL NITRATE	2/12/96

Disposition: Waste is currently treated by a Generator Treatment Plan. No waste is currently in storage (no backlog) and is being treated as it is generated.

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
ID-SMC-412	ETHYLENE GLYCOL HYDRAULIC FLUID	8/17/98
	Disposition: No future generation of this waste stream. All inventory has been treated via incineration.	
ID-SMC-529	ACID CONCRETE ETCH	8/13/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-TAN-276	WATER WITH TRICHLOROETHYLENE	8/13/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-TEC-303	SOLID, SILVER-CONTAMINATED LLMW	8/17/98
	Disposition: No future generation of this waste stream. All inventory treated via a treatability study.	
ID-TEC-509	USED HEXONE	2/12/96
	Disposition: This waste was sent to DSSI and burned for energy recovery. There is no waste currently in storage associated with this waste stream or that is projected to be generated in the next five years.	
ID-TEC-512	SLUDGE - CHARACTERISTIC	2/23/98
	Disposition: Waste stream will not be generated	
ID-TRA-155	TRA LAB SCINTILLATION COCKTAILS	5/28/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-TRA-210	FREON DECON WASTE	10/30/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-TRA-214	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5/28/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-TRA-251	ELECTROPLATING SOLUTION	2/24/97
	Disposition: Consumed in a treatability study. No waste currently in storage (no backlog) and waste is not projected to be generated.	
ID-TRA-252	FREON SLUDGE	10/30/96
	Disposition: Incinerated at WERF. No waste currently in storage (no backlog) and waste is not projected to be generated.	

ID-TRA-536	ELEMENTAL Hg CONTAMINATED W/RAD MATERIAL	5/28/96
	Disposition: Treated by Generator Treatment Plan. No waste currently in storage (no backlog) and the waste is not projected to be generated.	

Offsite Waste Streams

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
AE-W015	ORGANIC SOLVENTS	1/24/01
	Disposition: ALTERNATIVE TREATEMENT TECHNOLOGY	
AE-W030	COMBUSTIBLE SOLIDS W/METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
AE-W031	COMBUSTIBLE SOLIDS W/ORGANICS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
AE-W034	PPE CONTAMINATED WITH LEAD	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
AF-MW-01	Air Force Munitions Maintenance Waste	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
BT-W001	ORGANIC LIQUID WASTE WITH HEAVY METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
BT-W002	SPENT SOLVENT RAGS	10/29/97
	Disposition: Treated and no future generation of this waste stream	
BT-W003	ORGANIC WASTE WITH HEAVY METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
BT-W007	SOLIDS WITH SOLVENTS	10/29/97
	Disposition: Treated with no future generation of this waste stream	
BT-W018	TCLP EXTRACTION FLUID	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
BT-W033	IGNITABLE LIQUID	10/29/97
	Disposition: Treated with no future generation of this waste stream	
CN-W002	LEAD AND LEAD-BEARING MATERIALS	2/24/97
	Disposition: Has been sent to Envirocare for treatment and disposal. No waste currently in storage (no backlog) and waste is not projected to be received from Charleston Naval Shipyard.	
ET-CC-01	WASTE OILS	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
ET-W009	PAINT CHIPS	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	

Waste Stream ID	Waste Stream Name	Disposition Date
ET-W020	LABORATORY ANALYTICAL REAGENT WASTE	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
ET-W023	ELEMENTAL MERCURY	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
ET-W026	CRUSHED MERCURY LIGHT BULBS	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-CC-01	CA. LISTED WASTES	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W003	SVA: Pb-CONTAMINATED SLUDGE	2/24/97
	Disposition: Has been treated at Hanford and onsite. This waste will not be received at the INEEL.	
GA-W007	HOT CELL D&D: Pb SHOT	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W013	HOT CELL D&D: Pb BRICK	2/24/97
	Disposition: Accepted by Envirocare under the Mixed Waste Focus Area Cooperative Agreement. This waste will not be received at the INEEL.	
GA-W025	SVA: LEAD SCRAP	2/24/97
	Disposition: Has been shipped for offsite treatment. This waste will not be received at the INEEL.	
GA-W031	SVA: OILY DEBRIS CONTAINING METHYLENE CL	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W034	DOUBLET 11 ALCOHOL AND TRITIUM	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W037	WASTE W/F-LISTED SOLVENTS	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W038	MISCELLANEOUS LIQUID SOLVENTS	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W043	SVA ORGANIC LIQUID	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GA-W044	WOOD HOUSING HEPA FILTERS	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
GJPO-94-017	WASTE OIL SLUDGE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
GJPO-96-017	MISC. COMBUSTIBLE MIXED WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

GJPO-97-030	ACTIVATED CARBON	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KA-W002	CUTTING OILS AND LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KA-W003	TRICHLOROETHYLENE	10/29/97
	Disposition: Treated and no future generation of this waste stream	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
KA-W006	FREON 113 ON RAGS	10/29/97
	Disposition: Treated with no future generation of this waste stream	
KA-W007	OILS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KA-W009	ORGANIC DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KA-W013	ORGANIC DEBRIS W/O METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KA-W014	ORGANIC SLUDGE AND PARTICULATES	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KA-W018	Hg-CONTAMINATED ORGANICS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W003	OILS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W004	MISC. LABORATORY CHEMICALS W/O METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W005	ORGANIC DEBRIS CONTAINING HEAVY METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W008	ORGANIC SLUDGES/PARTICULATES	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W009	ORGANIC DEBRIS WITHOUT METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W011	CUTTING OILS AND LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KK-W014	Hg-CONTAMINATED ORGANICS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KW-W001	OILS	5/14/97
	Disposition: Waste is not expected to be generated. This waste will not be received at the INEEL. April	

	Quarterly Meeting.	
KW-W003	ORGANIC DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KW-W006	ORGANIC SLUDGES/PARTICULATES	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
KW-W008	MISCELLANEOUS LABORATORY CHEMICALS	10/27/99
	Disposition: Waste stream deleted per generator update.	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
KW-W009	SOILS	10/27/99
	Disposition: Waste stream deleted per generator update.	
KW-W010	Hg-CONTAMINATED ORGANICS	10/27/99
	Disposition: Waste stream deleted per generator update.	
KW-W011	Hg-CONTAMINATED INORGANICS	10/27/99
	Disposition: Waste stream deleted per generator update.	
KW-W012	ELEMENTAL Hg	5/28/96
	Disposition: KAPL - Windsor no longer expects to generate this waste. This waste will not be received at the INEEL.	
LA-W901	IPA WASTES	3/4/97
	Disposition: Waste stream treated and residuals sent to Envirocare 3/4/97.	
LA-W902	SCINTILLATION VIALS	3/4/97
	Disposition: Waste stream treated and residuals sent to Envirocare 3/4/97.	
LA-W903	LEAD BLANKETS	5/14/97
	Disposition: Was sent to Envirocare for treatment and disposal. Waste not received at the INEEL. April Quarterly Meeting.	
LA-W905	ER SOILS	5/14/97
	Disposition: Was sent to Envirocare for treatment and disposal. Waste not received at the INEEL. April Quarterly Meeting.	
LA-W909	BULK OILS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LA-W911	ORGANIC-CONTAMINATED COMBUSTIBLE SOLIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LA-W912	COMBUSTIBLE DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LA-W929	NONRADIOACTIVE AND SUSPECT WASTE ITEMS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

LA-W930	SURFACE-CONTAMINATED LEAD	10/30/96
	Disposition: Will be sent to Envirocare under the Mixed Waste Focus Area Cooperative Agreement. This waste will not be received at the INEEL.	
LANL-ER-1	TA-35 TANK D&D WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-CC-116	ORGANIC SOLIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
LB-CC-118	LAB-PACKED CHEMICALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-CC-120	PUMP OIL	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-CC-124	CONTAMINATED DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-CC-125	ORGANIC LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-CC-126	WASTE CONTAINING OIL	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-W001	ACIDIC AQUEOUS AND SOLID LAB PACKS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-W004	ORGANIC LIQUIDS AND SOLIDS: LAB PACKED	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-W007	SCINTILLATION FLUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-W008	AQUEOUS AND SOLID CHEMICAL OXIDIZERS LAB	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-W009	SOLIDS OR CONTAMINATED DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LB-W124	VERMICULITE W/OIL-SOLVENTS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LBNL-CC-114	CYANIDE SOLUTION	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LL-W007	ELEMENTAL LEAD	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	

LL-W015	INORGANIC DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
LLNL-CC-01	CONTAMINATED OIL	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
MD-W021	OIL-CONTAMINATED FLORCO	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
MD-W023	SCINTILLATION COCKTAIL CONTAMIN. FLORCO	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
MD-W024	SCINTILLATION COCKTAIL CONTAMIN. TRASH	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
MI-W005	SOLID WASTE WITH PETROLEUM PRODUCTS	2/12/96
	Disposition: Waste will be sent to SEG as non-hazardous waste. This waste stream will not be received at the INEEL.	
MI-W007	LEAD BRICKS, SHEETS, WOOL, SCRAPINGS	2/24/97
	Disposition: Has been sent to Envirocare for treatment and disposal. No waste currently in storage (no backlog) and waste is not projected to be received from Mare Island Naval Shipyard.	
MI-W009	SOLID WASTE WITH CORROSIVES	2/12/96
	Disposition: This waste stream was determined to be non-hazardous by Mare Island personnel. This waste will not be received at the INEEL.	
MI-W012	COMBUSTIBLE DEBRIS	2/12/96
	Disposition: This waste stream was determined to be non-hazardous by Mare Island personnel. This waste will not be received at the INEEL.	
MI-W013	ORGANIC PROCESS RESIDUES	2/12/96
	Disposition: This waste stream was determined to be non-hazardous by Mare Island personnel. This waste will not be received at the INEEL.	
MU-W001	MIXED LOW-LEVEL WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
NA-W001	SOLID WASTE WITH HEAVY METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
NN-W001	LEAD/CHROMIUM-BASED PAINT CHIPS	5/14/97
	Disposition: Sent to Hanford for treatment. Waste not received at the INEEL. April Quarterly Meeting.	
NN-W002	ORGANIC WASTE WITH HEAVY METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
NN-W011	DEBRIS/SLUDGE CONT.W/METALS/LISTED/ORG.	1/24/01

	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PA-F030	LEAD-CONTAMINATED DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PA-G001	FLAMMABLE MATERIALS/PAINTS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PA-K038	SPENT SOLVENT SOLIDS/WOOD	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PA-L038	SOFT COMBUSTIBLE DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
PA-M038	SOFT COMBUSTIBLE DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PA-W003	WASTE MINERAL SPIRITS PAINT WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PA-W003-USE	PAINT WASTE SOLIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PH-W002	LIQUID CONTAINING 1,1,1-TRICHLOROETHANE	10/29/97
	Disposition: Treated with no future generation of this waste stream.	
PH-W004	ORGANIC WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PN-W015	SOLIDS CONTAM. WITH POTASSIUM CHROMATE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PO-W008	MOTOR CLEANING SOLUTION	10/27/99
	Disposition: Waste stream deleted per generator update.	
PO-W012	URANIUM RECOVERY SOLVENT	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PO-W013	CHROMIC CLOSURE WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PO-W028	LAB WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PO-W029	WASTE ANTIFREEZE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PO-W040	ACETONE STILL BOTTOMS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PO-W048	GAS ANALYZER SOLUTIONS	1/24/01

		Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
	PO-W057	SOLVENTS	1/24/01
		Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
	PO-W058	ACTIVATED CARBON SLUDGE	1/24/01
		Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
	PO-W077	NEAT TCE	1/24/01
		Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
	PO-W078	DIESEL FUEL, GASOLINE, KEROSENE	1/24/01
		Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
PS-W001	ORGANIC DEBRIS WITH HEAVY METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
PS-W004	LIQUID WITH F-LISTED SOLVENTS	10/29/97
	Disposition: Treated with no future generation of this waste stream.	
PS-W005	DEBRIS WITH F-LISTED SOLVENTS	10/29/97
	Disposition: Treated with no future generation of this waste stream.	
PS-W006	SOLIDIFIED LIQUID WITH F-LISTED SOLVENTS	5/14/97
	Disposition: Waste was determined to meet LDR standards. Waste not received at the INEEL. April Quarterly Meeting.	
PS-W009	PAINT THINNER WITH BUTYL ALCOHOL	5/14/97
	Disposition: This waste stream will not be received at the INEEL. April Quarterly Meeting.	
PS-W011	DEBRIS w/HEAVY METALS & F-LISTED SOLVENT	5/14/97
	Disposition: This waste will not be received at the INEEL. April Quarterly Meeting.	
PS-W019	FILTERS W/ASBESTOS AND DIOCTYL PHTHALATE	5/28/96
	Disposition: This waste is no longer regulated due to revisions in state regulations. This waste will not be received at the INEEL.	
PS-W020	COMPRESSED FILTER MEDIA W/DIOCTYL PHTHAL	5/28/96
	Disposition: This waste is no longer regulated due to revisions in state regulations. This waste will not be received at the INEEL.	
PX-6.1	SOLVENT AND HEAVY METAL CONTAMIN. DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
RF-W017	PCB LIQUIDS/LLM	10/27/99
	Disposition: Waste stream deleted per generator update.	
RF-W027	PAINTS/LLM	10/27/99
	Disposition: Waste stream deleted per generator update.	

RF-W049	MISCELLANEOUS LIQUIDS/LLM	10/27/99
	Disposition: Waste stream deleted per generator update.	
RF-W071-GAC	GRANULATED-ACTIVATED CARBON	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
RF-W083	EXCESS CHEMICALS ORGANOMETALLIC LAB PACK	10/27/99
	Disposition: Waste stream deleted per generator update.	
RF-W085	EXCESS CHEMICALS NON-LABPACKS W/D009/LLM	10/27/99
	Disposition: Waste stream deleted per generator update.	
RF-W086	EXCESS CHEMICALS NON-LAB PACKS-OTHER/LLM	10/27/99
	Disposition: Waste stream deleted per generator update.	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
RL-601-01	MIXED WASTE DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
RL-AL0	ORGANIC ABSORBED LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
RL-LPO	ORGANIC LAB PACKS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SA-TG-11	ORGANIC LIQUIDS 11: OILS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SA-TG-12	ORGANIC DEBRIS W/TCLP METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SA-TG-17-A	ABSORBED MACHINE OILS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SA-TG-18	PARTICULATES W/ORGANIC CONTAMINANTS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SA-TG-7	ORGANIC LIQUIDS/SCINTILLATION COCKTAILS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SA-TG-8/10	ORGANIC DEBRIS W/SOLVENTS/HETER DEBRIS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
SR-W014	TRITIATED MERCURY	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	
SR-W049	TANK E-3-1 CLEAN OUT MATERIAL	1/27/99
	Disposition: Waste was treated at another DOE site and will not be received at the INEEL.	
SR-W068	LIQUID ELEMENTAL MERCURY	4/27/99
	Disposition: Has or will be treated by another site. Will not be received at the INEEL.	

WS-W005	2 4 D POWDER/CONTAMINATED SOLIDS	11/16/98
	Disposition: Waste is being treated on the Weldon Springs site and will not come to the INEEL.	
WS-W030	PAINT SLUDGE	11/16/98
	Disposition: Waste is being treated at the Weldon Springs site and will not come to the INEEL.	
WS-W044	PAINT WASTE WITH MERCURY	11/16/98
	Disposition: Waste is being treated at the Weldon springs site and will not come to the INEEL.	
WS-W052	SLUDGE WITH D040	11/16/98
	Disposition: Waste is being treated at the Weldon Springs site and will not come to the INEEL.	
WS-WITS-4847	ORGANIC WASTE WATER	11/16/98
	Disposition: Waste is being treated at the Weldon Springs site and will not come to the INEEL.	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
WS-WITS-6311	CONSOLIDATED OILS	11/16/98
	Disposition: Waste is being treated at the Weldon Springs site and will not come to the INEEL.	
WS-WITS-6435	UTS SLUDGE	11/16/98
	Disposition: Waste is being treated on the Weldon Springs site and will not come to the INEEL.	
WV-W003	ORGANIC EXTRACTION WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W005	DECON SOLUTION	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W006	Pu SCINTILLATION (nCi/G)	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W007	PYRIDINE/CYANIDE WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W008	OIL WITH MERCURY	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W009	METHANOL	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W010	PAINT	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W012	PAINT W/METALS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W014	Sr ORGANIC WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W016	R&D TOLUENE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

WV-W017	Tc AQUEOUS WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W018	DU-SQUEEZE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W021	IGNITABLE ORGANIC LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W022	SPENT DEGREASER	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W025	CAUSTIC WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
WV-W027	OXIDIZERS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W029	IMMERSION BUCKET SOLUTION	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W030	AQUEOUS LAB WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W032	INGITABLE CHEMICAL PRODUCTS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W033	IGNITABLE METAL WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W034	ACIDIC AQUEOUS WASTE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W037	DECONTAMINATED SUPERNATANT	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W042	ORGANIC SLUDGES	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W043	IGNITABLE LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W044	IGNITABLE ORGANIC LIQUIDS	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W047	INORGANIC SLUDGES	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	
WV-W053	SODIUM BROHYDRIDE	1/24/01
	Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	

WV-W054	CORROSIVE/FLAMMABLE LIQUIDS Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	1/24/01
WV-W056	REACTIVES Disposition: ALTERNATIVE TREATMENT TECHNOLOGY	1/24/01
BT-W005	PAINT CHIPS W/HEAVY METALS MAY HAVE PCB Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W008	MERCURY-CONTAINING WASTE Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W009	VOC-CONTAMINATED SOIL Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
BT-W010	ORGANIC LIQUIDS W/HEAVY METALS PCBs, & VOC Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W012	VOC & PCB-CONTAMINATED DEBRIS Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W013	VOC & PCB-CONTAMINATED SOIL Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W017	ION EXCHANGE RESIN Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W019	ELEMENTAL LEAD Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W020	BRASS AND BRONZE Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W028	VOC AND PCB-CONTAMINATED WATER Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W029	VOC-CONTAMINATED SEDIMENT/SLUDGE Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W030	VOC-CONTAMINATED DEBRIS Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W031	VOC AND PCB-CONTAMINATED SLUDGE Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BT-W036	PCB-CONTAMINATED INORGANIC DBRIS/PARTIC. Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
BN-W007	MERCURY WASTE Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

ET-W019	CHROME SALT CORES	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KK-W010	LEAD BRICKS, SHEETS, OR WOOL	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KK-W013	SOILS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KK-W015	Hg-CONTAMINATED INORGANICS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KK-W016	ELEMENTAL Hg	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
KK-W017	PCB-CONTAMINATED WASTE	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KK-W018	PCB-CONTAMINATED WASTE (Nonincinerable)	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W001	MISC. LABORATORY CHEMICALS W/O METALS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W011	ELEMENTAL LEAD	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W015	SOILS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W019	Hg-CONTAMINATED INORGANICS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W020	ELEMENTAL Hg	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W021	PCB-CONTAMINATED WASTE	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
KA-W022	PCB-CONTAMINATED WASTE (Nonincinerable)	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W002	BASIC AQUEOUS LIQUIDS - LOW ALPHA	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W005	BLOCK & SHEET Pb-INDUCED & SURFACE CONTAM.	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W006	LIQUID-INDUCED MERCURY	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

LB-W011	ACIDIC AQUEOUS SOLUTIONS/SOLIDS w/METALS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W012	BASIC SOLIDS w/METALS - HIGH ALPHA	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W014	LIQUIDS/SOLIDS CONTAINING SOLVENTS & OIL	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W017	ORGANIC SCINTILLATION FLUIDS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W018	AQUEOUS/SOLID OXIDIZERS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
LB-W019	DEBRIS CONTAMINATED w/ ORGANIC VOLATILES	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LB-W101	AQUEOUS ORGANIC LIQUID	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LL-W003	LOW-LEVEL MIXED INORGANIC TRASH-1	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LL-W006	LOW-LEVEL MIXED SCRAP METAL	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LL-W017	LOW-LEVEL MIXED INORGANIC TRASH-3	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LL-W021	LAB PACKS WITH METALS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LL-W024	LIQUID MERCURY WASTE	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W904	SOIL WITH HEAVY METALS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W906	AQUEOUS ORGANIC WASTES	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W907	HALOGENATED ORGANIC LIQUIDS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W908	NONHALOGENATED ORGANIC LIQUIDS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W910	PCB WASTES WITH RCRA COMPONENTS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

LA-W913	AQUEOUS WASTES WITH HEAVY METALS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W914	CORROSIVE SOLUTIONS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W915	AQUEOUS CYANIDES, NITRATES, CHROMATES	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W916	WATER-REACTIVE WASTES	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W919	ORGANIC-CONTAMINATED NONCOMBUSTIBLE	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

Table 4-6. (continued).

Waste Stream ID	Waste Stream Name	Disposition Date
LA-W920	ELEMENTAL MERCURY	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W921	ACTIVATED OR INSEPARABLE LEAD	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W922	NONCOMBUSTIBLE DEBRIS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W923	INORGANIC SOLID OXIDIZERS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W925	MERCURY WASTES - TBD	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
LA-W931	LEAD REQUIRING SORTING	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
NN-W003	DEBRIS WITH HEAVY METALS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
NA-W005	ELEMENTAL LEAD SHIELDING	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PXSTP#-2.1	WASTE WATER	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PXSTP#-6.2	INORGANIC DEBRIS; CONTAMINATED	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PH-W006	ELEMENTAL LEAD	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PO-W006	WASTE HG, METALLIC	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

PO-W061	MERCURY SOLIDS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PS-W007	DEBRIS WITH HEAVY METALS AND PCBS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PS-W012	PAINT CHIPS WITH HEAVY METALS AND PCBS	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
PS-W013	ELEMENTAL LEAD	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01
RP-W001	NE FAST REACTOR PHYSICS SODIUM	
	Disposition: WASTE WILL NOT BE RECEIVED AT THE INEEL FOR TREATMENT.	10-31/01

5. INEEL TREATMENT FACILITY SCHEDULES

Mixed wastes at the INEEL are predominately expected to be treated to meet LDR treatment standards onsite through a number of facilities at WERF, Waste Reduction Operations Complex (WROC), ICPP, ANL-W, and TAN. The actual location of the planned INEEL mixed waste treatment facilities will be determined through the siting process as part of facility design and construction.

Section 3 of this STP identifies those treatment facilities that will treat the INEEL mixed waste and the offsite waste destined to be treated at the INEEL. Section 4 of this STP identifies those waste streams scheduled for treatment at the INEEL. This Section 5 contains the schedules for those INEEL facilities that will treat the mixed waste previously identified in Section 4. Based on future funding projections, the current life cycle costs for the existing and planned INEEL treatment facilities may exceed available funding and possibly delay the schedules presented in this Section 5.

Milestones and planning dates are identified by reference to quarters, as outlined in Section 2.2.2.3. The first quarter, or "1Q," shall have December 31 as its corresponding specific date. The second quarter, or "2Q," shall have March 31 as its corresponding specific date; the third quarter, or "3Q," shall have June 30 as its corresponding specific date; and the fourth quarter, or "4Q," shall have September 30 as its specific date.

5.1 Schedules for Treatment Facilities for Which Technology Exists

Schedules have been developed for the treatment facilities that will apply existing technology to treat INEEL mixed waste streams. Section 5.1.3 presents the schedules for these existing treatment technologies. For new facilities, the schedule is heavily dependent on decisions made during the design phase and is contingent on funding availability. Assumptions and professional judgments related to the type of treatment technology, location of the treatment facility, contracting mechanism, project approval process, cost, and other considerations were used to develop the estimated schedule. Any variation from these assumptions will affect the estimated schedule. Cost data used in developing options and schedules are planning estimates only and do not reflect a commitment of budgetary resources.

5.1.1 Mixed Waste to be Treated at Existing Facilities

Waste streams identified to be treated in the individual facilities in this section are found in Table 6-1 of this STP.

5.1.1.1 General Assumptions for Existing Facility Schedules.

[RESERVED]

5.1.1.2 General Milestone and Planning Date Descriptions. The following are general descriptions for milestones and planning dates for existing facilities identified in this section. Specific descriptions of milestones and planning dates that differ from the general descriptions are identified in Table 5-1 for each individual facility.

- **P-1, Submit Part B:** The date on which INEEL presents the RCRA Part B submittal to the DEQ for approval.

- **P-2, Procure Contracts:** The date on which contracts are in place for the design of facilities and/or process equipment.

- **P-3, Initiate Construction:** The date on which contractor(s) have mobilized and construction of a process or facility containing a process begins.

- **P-4, Commence System Testing:** The date on which testing begins on the treatment process equipment on "cold" feedstock.

- **P-5, Commence Operations:** The date on which treatment of waste using the treatment process begins.

- **P-6, Schedule for System Backlog:** The date on which the INEEL submits a schedule after commencing operation identifying time required for processing waste currently in storage. This includes waste in storage at the INEEL.
- **S-1, State Action:** Estimated date of approved Part B. This date is not a milestone or planning date.

5.1.2 Plan for Procurement of Treatment Services from the Private Sector

DOE has decided to fully pursue private sector treatment of the transuranic-contaminated stored waste at the INEEL. In addition to the treatment of the CH transuranic-contaminated waste and some of the RH transuranic-contaminated waste, limited amounts of MLLW from the INEEL and offsite may be planned to be treated at the private sector facility. Prior to the availability of a private sector facility, some of the untreated MTRU waste that meets the WIPP WAC may be disposed in WIPP, assuming a successful demonstration of the no-migration variance petition. The milestones and planning dates for obtaining private sector treatment are included in Table 5-1 and were taken from the Request for Proposal for the AMWTP.

5.1.3 Facility-Specific Schedules

Table 5-1 presents the schedules for existing treatment facilities.

5.2 Schedules for Treatment Facilities for Which Technology Exists but Needs Adaptation, or for Which No Technology Exists

Schedules for the modification or development of needed technologies for mixed waste streams for which technology exists but needs some modification to be applicable to INEEL waste streams or for which technology development is needed have been developed for the treatment facilities that will treat these mixed waste streams. Section 5.2.2 presents the schedules for these planned treatment technologies.

5.2.1 Mixed Waste to be Treated by Planned Facilities

Waste streams identified to be treated in the individual facilities in this section are found in Table 6-1 of this STP.

Table 5-1. Milestones/planning dates for mixed wastes with existing treatment technologies.

Facility	Milestone	FY02	FY03	FY04	FY05	FY06
WROC/WERF SIZING (Including Opening/Segregation) P1,P2,P3,P4 - Complete	Current Enforceable Primary Milestones Planning Dates					
WROC Macroencapsulation P1,P2,P3,P4 - Complete	Current Enforceable Primary Milestones Planning Dates					
WROC Mercury Retort	Mercury Treatment will be Offsite					
Portable Water Treatment Unit	There are no waste streams identified for this treatment unit					
MWSF Verification, Sampling, & Open/Segregation/Blend/Repack P1,P2,P3,P4,P5 - Complete						
WROC/WERF Stabilization - Protland Cement P1,P2,P3,P4,P5,P6, - Complete	Backlog Schedules are found in Table 5-5					

P1 - Submit Part B / S1 Approval of Part B
P2 - Procure Contracts
P3 - Initiate Construction
P4 - Commence System testing
P5 - Commence Operations
P6 - Schedule for System Backlog

Table 5-1. (continued).

Facility	Milestone	FY02	FY03	FY04	FY05	FY06
WROC/WERF Incineration - Controlled Air Incinerator P1,P2,P3,P4,P5,P6 - Complete	Backlog Schedules are found in Table 5-5					
NWCF P1,P2,P3,P4,P5,P6 - Complete	Backlog Schedules are found in Table 5-5					
HEPA Filter Leach P1,P2,P3,P4,P5,P6 - Complete	Backlog Schedules are found in Table 5-5					
Debris Treatment P1,P2,P3,P4, - Complete	Current Enforceable Primary Milestones Planning Dates	P5 TBD				
TAN Cask Dismantlement P1 NA P2,P3,P4,P5,P6, Complete	Backlog Schedules are found in Table 5-5					
SPF - Sodium Treatment P1,P2,P3,P4,P5,P6 - Complete	Backlog Schedules are found in Table 5-5					

P1 - Submit Part B / S1 Approval of Part B
P2 - Procure Contracts
P3 - Initiate Construction
P4 - Commence System testing
P5 - Commence Operations
P6 - Schedule for System Backlog

Table 5-1. (continued).

Facility	Milestone	FY02	FY03	FY04	FY05	FY06
Lead Treatment Program: Commercial Decontamination P1,P2,P3 - Complete	There are no waste streams currently identified for this treatment unit					
Advanced Mixed Waste Treatment Project (Adv. MWTP) P1,P2, - Completed	Current Enforceable Primary Milestones Planning Dates		P4 ■ P5 ■	P6 ■		
Sodium Components Maintenance Shop P2,P3,P4,P5, - NA P-1 Complete	Current Enforceable Primary Milestones Planning Dates					
Remote Treatment Facility P0, P1, P2 - Completed	Current Enforceable Primary Milestones Planning Dates			P-3 ■		P-4 = 1Q 2005 P-5 = 4Q 2005 P-6 = 4Q 2009 P-7 = 3Q 2010

P1 - Submit Part B / S1 Approval of Part B	P3 - Initiate Construction	P5 - Commence Operations
P2 - Procure Contracts	P4 - Commence System testing	P6 - Schedule for System Backlog

Table 5-1. (continued).

Facility	Assumptions	Schedule
WROC/WERF Sizing (including opening/ segregation)	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction:* (completed) *P-4, Commence System Testing:* (completed) *P-5, Commence Operation:* **(**completed)
WROC Macroencapsulation	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (deleted) *P-6, Schedule for System Backlog*: (completed)
WROC Mercury Retort	None	*Mercury type waste will be treated offsite (see Table 5-3).*
Portable Water Treatment Unit	None	No waste streams are currently identified for this treatment unit. Milestone has been deleted.
MWSF Verification, Sampling, and Open/Segregate/Blend /Repack Booth	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (completed)
WROC/WERF Stabilization—Portland Cement	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (completed) *P-6, Schedule for System Backlog*: (completed)
WERF Incineration—Controlled Air Incinerator	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (completed) *P-6, Schedule for System Backlog*: (completed)
New Waste Calcining Facility	Continued operation of the NWCF pursuant to RCRA interim status.	*P-1, Submit Part B*: (N/A) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (completed) *P-6, Schedule for System Backlog*: (completed)
HEPA Filter Leach	Will receive determination from the DEQ that no contamination is present on treated filters.	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (completed)

P-6, Schedule for System Backlog: (completed)

Table 5-1. (continued).

Facility	Assumptions	Schedule
Debris Treatment	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (TBD) *P-6, Schedule for System Backlog*: (N/A)
TAN Cask Dismantlement	None	*P-1, Submit Part B*: (N/A) *P-2, Procure Contracts*: (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing*: (completed) *P-5, Commence Operation*: (completed) *P-6, Schedule for System Backlog*: (completed)
SPF Sodium Treatment	None	*P-1, Submit Part B*: (completed) *P-2, Procure Contracts:* (completed) *P-3, Initiate Construction*: (completed) *P-4, Commence System Testing:* (completed) *P-5, Commence Operation:* (completed) *P-6, Schedule for System Backlog:* (completed)
Advanced Mixed Waste Treatment Project	Treatment will occur for all of the stored a-MLLW and a portion of the MTRU waste Some INEEL and offsite MLLW may be treated at the facility.	*P-1, Submit Part B:* (completed) *P-2, Procure Contracts:* (completed) *P-3, Initiate Construction:* (completed) *P-4, Commence System Testing: 4Q 2002*. This milestone will be completed when systems operational testing begins. *P-5, Commence Operation: 2Q 2003*. This milestone will be completed when facility operations begin. *P-6, Schedule for System Backlog: 4Q 2003*. This milestone will be completed when a schedule to treat the system backlog is developed.
Sodium Components Maintenance Shop	Continued operation of SCMS as an interim status mixed waste treatment facility.	*P-1, Submit Part B:* (complete) *P-2, Procure Contracts:* (complete) *P-3, Initiate Construction:* (complete) *P-4, Commence System Testing:* (complete) *P-5, Commence Operation:* (complete) *P-6, Schedule System Backlog:* NA,

Table 5-1. (continued).

Facility	Assumptions	Schedule
Remote Treatment Facility	Continued inclusion in DOE budget requests in accordance with DOE Order 413.3, "Program and Project Management for Acquisition of Capital Assets."	*P-0, Define Project:* (complete) *P-1, Identify and Request Funding:* (complete) *P-2, Mission Need Approval: Initiate Conceptual Activities (CD-0), 1Q 2001* (complete) *P-3, Baseline Range Approval: Initiate Preliminary Design Activities (CD-1), 1Q 2004* *P-4, Performance Range Approval: Initiate Final Design Activities (CD-2), 1Q 2005* *P-5, Construction Start Approval, Part B Permit Issued, Initiate Construction Activities (CD-3), 4Q 2005* *P-6, Completion/Acceptance Approval: Construction Startup Activities Completed, Operations Begin (CD-4). 4Q 2009* *P-7, Schedule System Backlog, 3Q 2010*

5.2.1.1 General Assumptions for Planned Facility Schedules.

[RESERVED]

5.2.1.2 General Milestone and Planning Date Descriptions. The following are general descriptions for milestones and planning dates for planned facilities identified in this section. Specific descriptions of milestones and planning dates that differ from the general descriptions are identified in the individual facility section.

- *P-0, Define Project*: The date on which system analysis, private-sector evaluation, or other appropriate studies including the use of mobile treatment units have been completed and an appropriate method(s) of providing treatment or waste management in accordance with LDR requirements can be proposed to the State of Idaho.

- *P-1, Identify Funding Requirements*: The date on which the cost and schedule for spending funds are submitted in an Activity Data Sheet (ADS) to DOE-HQ for the identification and development of technology.

- *P-2, Identify and Develop Technology*: The date on which technologies are identified and incorporated into the conceptual design.

- *P-3, Submit Treatability Study Notification*: The date on which the DEQ is notified that treatability studies are required to assist in the development of treatment technology for a specified technology and will be performed pursuant to the exemption in 40 CFR 261.4(e) and (f).

- *P-4, Submit R&D Permit Applications*: The date on which the research and development (R&D) permit application is submitted to the DEQ.

- *P-5, Schedule for Table 5-1 Milestones*: The date on which the Table 5-1 milestones are submitted to the DEQ for inclusion in the approved STP.

- P-*6, Proposal for Feasibility Study*: The date on which DOE solicits proposals for feasibility studies.

- P-*7, Submit RCRA Part B Application*: The date on which the INEEL presents the RCRA Part B submittal to the DEQ for approval.

5.2.2 Facility-Specific Schedules

Table 5-2 presents the schedules for planned technologies.

5.3 Schedules for Mixed Waste Streams Planned for Treatment Offsite

A review of the INEEL's waste streams revealed some waste streams that are not readily treatable within the INEEL's proposed treatment configuration. The TSCA Incinerator at Oak Ridge was chosen for treatment of this waste, as it is an existing facility capable of treating highly chlorinated wastes.

It is expected that the residuals from the treatment of this waste will be returned to the INEEL for disposal. Section 5.3.3 presents the schedules for this offsite waste shipment.

Table 5-2. Milestones/planning dates for mixed waste without existing treatment technologies.

Facility	Milestone	FY02	FY03	FY04	FY05	FY06
RH-Immobilization Facility	Current Enforceable Primary Milestones				P5=4QFY2005 P7=1QFY2013*	
P0,P4 - NA P2,P3,P6 - Completed	Planning Dates			*Per the Settlement Agreement		

P0 - Define Project P1 - Identify Funding Requirements	P2 Identy & Submit	P3 - P4- Submit R & D Treat P5 - Schedule	PermitApplicationf or Table 5-1	P6 Proposalfor FeasibilityStudy P7Submit RCRA PartBApplication	P4- Submit R & D P5 - Schedule

Table 5-2. (continued).

Facility	Assumptions	Schedule
RH Immobilization Facility	None	*P-0, Define Project:* (N/A). *P-1, Identify Funding Requirements:* (complete) *P-2, Identify and Develop Technology*: (complete) *P-3, Submit Treatability Study Notification:* (complete) *P-4, Submit R&D Permit Application:* (N/A) *P-5, Schedule for Table 5-1 Milestones:* (4Q 2005) P-6, *Proposal for Feasibility Study*: (complete) P-7, *Submit RCRA Part B Application*: (1Q 2013)

5.3.1 General Assumptions for Mixed Waste Streams Intended for Treatment Offsite

- These schedules were prepared based on the FY 1997 ADSs. Changes due to the reality of congressional funding changes and DOE prioritization activities may require additional time to complete milestones.

- These schedules assume that the DEQ will review and approve permits in a timely manner.

5.3.2 General Milestone and Planning Date Descriptions

The following are general descriptions for milestones and planning dates for mixed waste streams intended for treatment offsite.

- *P-1, Complete Necessary Characterization*: Dependent on the offsite treatment facility WAC, additional characterization may be necessary to meet that WAC. This will be determined upon review of the facility's WAC with the waste profile sheets.

- *P-2, Complete Sorting*: Sorting and segregation of waste streams may be necessary in order to characterize and certify waste streams for shipment to a treatment facility. If sorting is required, it will be completed, as needed.

- *P-3, Complete Repacking*: Once the waste streams have been certified to meet the treatment facility's WAC, the wastes will be (re)packaged for transportation and as per the Waste Certification Program.

- *P-4, Prepare Waste Stream Request for Storage and Treatment*: A request will be sent to the treatment facility for the treatment of the waste.

- *P-5, Ship Waste Offsite*: The shipment of waste to an offsite facility will be established 90 days after the treatment facility P-6 milestone has been fulfilled.

5.3.3 Facility-Specific Schedules

Table 5-3 presents the schedules for off-INEEL treatment.

5.4 Mixed Transuranic-Contaminated Waste Shipped to WIPP

MTRU waste is mixed waste that contains more than 100 nCi of transuranic constituents per gram of waste. Alpha-MLLW contains less than 100 nCi of transuranic contaminants per gram of waste. Traditionally at the INEEL, a-MLLW has been managed along with MTRU waste. Since the a-MLLW and MTRU waste will be handled together at the INEEL, both of these waste types are addressed in this section and are referred to as transuranic-contaminated waste.

For the majority of the transuranic-contaminated waste at the INEEL, DOE-ID plans to achieve compliance with the requirements of the FFC Act by implementing full treatment and then disposing of the treated waste at WIPP. A portion of the transuranic-contaminated waste may be sent to WIPP under the no-migration variance petition approach described in 40 CFR 268.6. Under this strategy, DOE-ID intends to continue interim storage of transuranic-contaminated waste and continue preparation of waste for shipments and then to ship and dispose of waste in WIPP until full treatment is available. Once treatment is available, the majority of the transuranic-contaminated waste will be treated to the WIPP WAC and to LDR requirements, as appropriate at the Adv. MWTP prior to disposal at WIPP.

Within 12 months of the decision by the secretary of Energy to operate WIPP as a disposal facility, DOE-ID will submit a supplemental plan outlining schedules and additional activities required to prepare the transuranic-contaminated waste for shipment to WIPP if not already included in this plan or in the event that significant changes transpire as a result of the final permit or the final no-migration determination. In addition, at that time DOE-ID will provide a timetable for submitting a schedule to WIPP for its transuranic-contaminated waste. DOE-ID will coordinate with DOE's Carlsbad Area Office in developing the shipment schedule to ensure proper throughput and receipt of waste at WIPP

Table 5-3. Milestones/planning dates for mixed waste streams intended for treatment offsite.

Facility	Milestone	FY02	FY03	FY04	FY05	FY06
TSCA Incinerator	Current Enforceable Primary Milestones					
P1,P3,P4,P5 Completed P2 - NA	Planning Dates					
Mercury Treatment	Current Enforceable Primary Milestones	P5 ■				
	Planning Dates					

P1 - Complete necessary characteriztion
P2 - Complete sorting
P3 - complete repackaging
P4 - Procure Contracts
P5 - Ship waste
P6 - Submit Back offsite for Treat log Schedule for treatment treatment

Table 5-3. (continued).

Facility	Assumptions	Schedule
TSCA Incinerator	None	*P-1, Complete Necessary Characterization*: (complete) *P-2, Complete Sorting*: N/A, sorting, and segregation of waste streams may be necessary in order to characterize and certify waste streams for shipment to a treatment facility. If sorting is required, it will be completed, as needed. *P-3, Complete Repacking*: (complete) *P-4, Prepare Waste Stream Request for Storage and Treatment*: (complete) *P-5, Ship Waste Offsite*: TBD, the shipment of waste to an offsite facility will be established 90 days after the treatment facility P-6 milestone has been fulfilled.
Mercury Treatment		*P-1, Complete Necessary Characterization:* (N/A) *P-2, Complete Sorting*: (N/A) *P-3, Complete Repackaging:* (N/A) *P-4, Procure Contracts for Treatment:* (complete) *P-5, Ship Waste Offsite for Treatment:* (3Q 2002) *P-6, Submit Backlog Schedule:* (TBD)

DOE will begin discussions with the DEQ regarding alternative treatment options for MTRU waste in January 1998, if the Secretary of Energy does not decide to operate WIPP as a disposal facility by that time; or at such earlier time as DOE determines that (a) there will be a delay in the opening of WIPP substantially beyond 1998 or (b) the no-migration variance petition is not granted by the EPA. DOE will propose modification to the INEEL STP for approval by the DEQ within a timeframe agreed upon between DOE and the DEQ. These modifications will describe planned activities and schedules for the new MTRU waste strategy. If the DEQ and DOE cannot reach agreement within a reasonable time, the issue shall be subject to dispute resolution under Section 2.9.

In the Annual STP Reports, DOE will include information regarding the progress of transuranic-contaminated waste management, including, as applicable, the status of the no-migration variance petition and information related to characterization, packaging, and/or treatment capabilities or plans for transuranic-contaminated waste related to WIPP WAC and disposal.

It is the intent of DOE to award a contract for integrated treatment/characterization. The contract may include supporting activities for retrieval, storage, and transportation to and from the RWMC (if the treatment facility is not adjacent to the RWMC) or loading of TRUPACT II containers for transportation to WIPP. The schedule for obtaining the services is identified in Table 5-1 for the AMWTP.

5.5 Mixed Waste Streams Requiring Further Characterization

Wastes, received before RCRA regulation, were typically characterized by process knowledge, while more recently generated wastes have been characterized by both process knowledge and analytical testing. A limited number of transuranic-contaminated waste streams are not completely characterized for the purposes of treatment. This section addresses these wastes and identifies plans for characterization.

5.5.1 Description of Waste Streams and Treatability Groupings

Although preliminary treatment plans have been developed, some transuranic-contaminated waste streams require further characterization. These waste streams are listed in Table 5-4. Waste streams ID-RFO-000, ID-RFO-9999, ID-RFO-000T, and ID-RFO-9999T were received and placed into storage without the record keeping necessary to differentiate individual containers by treatability group. These wastes are expected to be placed within one of the existing INEEL waste streams, since all these wastes were generated from essentially the same processes and the same facilities as those waste streams found in Table 4-2.

The remaining waste streams listed in Table 5-4 were received from generators before implementation of the RCRA regulations; therefore, adequate information is not available concerning possible RCRA constituents in this waste. Additional efforts to characterize these waste streams by gathering new information or process knowledge have not provided sufficient information to determine whether they are mixed wastes or to assign RCRA hazardous waste codes at this time.

5.5.2 Plan for Characterization or for Technology Assessment

It is the intent of DOE to award a contract for integrated treatment/characterization. The contract may include supporting activities for retrieval, storage, and transportation to and from the RWMC (if the treatment facility is not adjacent to the RWMC) or loading of TRUPACT II containers for transportation to WIPP. The schedule for obtaining the services is identified in Table 5-1 for the AMWTP.

The Request for Proposal (RFP) for the AMWTP requires the contractor to perform all pre-treatment characterization for the INEEL waste to be transported. Pre-treatment characterization for offsite waste will be in accordance with the treatment facilities' future RCRA Part B permit requirements. The RFP also requires any waste that cannot be treated at the AMWTP to be characterized as required by the INEEL RWMC RCRA Part B permit for storage and/or to meet the most current WIPP WAC requirements, or other disposal requirements.

If the waste streams listed in Table 5-4 are determined to be mixed wastes, they are expected to fall within the same treatability groups as the other transuranic-contaminated waste and will undergo

Table 5-4. Transuranic-contaminated waste streams requiring further characterization.

Waste Stream ID	Waste Stream Name	Current Storage Vol (m^3)	5-Year Generation (m^3)
ID-AEO-102	ABSORBED LIQUIDS	13.4640	0.0000
ID-AEO-102T	ABSORBED LIQUIDS	54.2960	0.0000
ID-AEO-105T	EMPTY BOTTLES ABSORBENTS	1.4840	0.0000
ID-AEO-106T	SPECIAL SOURCE MATERIAL	0.2120	0.0000
ID-AEO-107T	REMOTE-HANDLED WASTE	24.7400	0.0000
ID-AEO-160T	ANL-W HFEF ANALYTICAL CHEMISTRY AND META	0.2120	0.0000
ID-AEO-161T	ANL-W ANALYTICAL CHEMISTRY LAB GLASSWARE	1.0600	0.0000
ID-AEO-162T	ANL-W FMF EFL Zr-U FUEL CASTING ALLOYS	10.5820	0.0000
ID-AEO-163T	ANL-W ACL COLD-LINE ABSORBED LIQUID, MIS	1.2720	0.0000
ID-BCO-202	COMBUSTIBLE SOLIDS	14.0000	0.0000
ID-BCO-202T	COMBUSTIBLE SOLIDS	4.1360	0.0000
ID-BCO-203	PAPER, METAL, GLASS	21.0000	0.0000
ID-BCO-203T	PAPER, METAL, GLASS	5.5120	0.0000
ID-BCO-204	SOLIDIFIED SOLUTIONS	0.6360	0.0000
ID-BCO-204T	SOLIDIFIED SOLUTIONS	0.8480	0.0000
ID-CPP-156	CHEM CELL RIP-OUT	28.5300	0.0000
ID-INL-155	SCRAP	4.4420	0.0000
ID-INL-155T	SCRAP	15.0080	0.0000
ID-INL-157T	MISCELLANEOUS SOURCES	3.8120	0.0000
ID-MDO-801T	RAGS, PAPER, WOOD, ETC.	7.6300	0.0000
ID-MDO-815T	CLASSIFIED PARTS	0.4240	0.0000
ID-MDO-838	<10 nCi/g NONCOMBUSTIBLES	0.2120	0.0000
ID-MDO-847	LOW SPECIFIC ACTIVITY (<100 nCi/g) COMBUSTIBLE	152.8520	0.0000
ID-MDO-847T	LOW SPECIFIC ACTIVITY (<100 nCi/g) COMBUSTIBLE	4.2400	0.0000
ID-MDO-848	LOW SPECIFIC ACTIVITY (<100 nCi/g) NONCOMBUSTIBLE	27.1360	0.0000
ID-MDO-848T	LOW SPECIFIC ACTIVITY (100 nCi/g) NONCOMBUSTIBLE	1.2720	0.0000
ID-RFO-000	NOT RECORDED-UNKNOWN	136.7400	0.0000
ID-RFO-000T	NOT RECORDED-UNKNOWN	4,138.6560	0.0000
ID-RFO-9999	PRE-73 DRUMS	2,993.6520	0.0000

ID-RFO-9999T	PRE-73 DRUMS		4,492.4920	0.0000
ID-TAN-200T	AMERICIUM SOURCES		0.2120	0.000
		Totals	12,161.7640	0.0000

same treatments as the other transuranic-contaminated waste streams; separate plans and schedules for developing treatment capacity for this uncharacterized waste are not necessary. The treatment facilities developed for treatment of the transuranic-contaminated waste are expected to be sufficient to treat the waste listed in Table 5-4, as well.

5.6 Backlog Schedules for Operating Treatment Facilities

Backlog schedules are adjusted annually for operating treatment facilities and are subject to the procedures of Section 2 regarding milestones and planning dates, including Section 2.2, "Compliance Schedules" and Section 2.13, "Submittal and Review of Deliverables." Backlog milestones and planning dates will identify annual volumes of backlogged wastes expected to be treated by the end of the fourth quarter of each fiscal year per Section 2.2.2.3. The backlog schedule will be established and annually adjusted based on: (1) the actual volume of waste in storage as of the end of the fourth quarter of the prior fiscal year (backlog), (2) the operational capacity of the treatment unit, and (3) plans for treating the estimated volumes of any wastes projected to be generated or received from offsite. Adjustments to the backlog schedules will be discussed and then approved, as applicable and appropriate, as part of the fourth quarter STP meeting (October) and reflected in the Annual Report. The treatment schedules will identify the volume of backlog waste to be treated by the applicable facility by September 30 of each fiscal year in the schedule. Specific descriptions of milestones are identified in Table 5-5.

TABLE 5-5. Milestones for treatment of waste backlog per treatment unit.

Facility	Storage Volume 10/30/01	FY 2002	FY 2003	FY 2004
HEPA Filter Leach	44m3	4.5m3	4.5m3	4.5m3
NWCF/HLLWE	3772m3	644m3	530m3	TBD
SCMS	46.8m3	2.4m3	2m3	2.6m3
Commercial Treatment	2,340m3	207m3	120m3	250m3
Debris Treatment	The Begin Operation milestone for the Debris Treatment unit will be determined by the quarterly STP meeting following the effective date of the RCRA Part B Permit.			

1

6. WASTE STREAM TREATMENT PLANS

Table 6-1 shows the onsite and offsite waste streams currently being proposed for treatment at each INEEL facility. Both onsite and offsite waste streams have been assessed for treatment by evaluating the total waste stream. In some cases, a particular waste stream may require treatment at more than one facility. For example, a contaminated debris waste stream that has a proposed treatment option of incineration at one facility is also included with waste requiring stabilization at another facility. This method may result in a given waste stream being listed under several treatment units.

Table 6-2 lists the onsite and offsite waste streams and includes the volumes and 5-year generation estimates for each waste stream and the current treatment plan. The treatment plans for each waste stream include pretreatment steps such as segregation and sizing and the treatment train required for each portion of the waste stream. In some cases, a waste stream is segregated and treated separately. In those cases, the separate steps are listed by volume percent of the original waste stream.

Table 6-1. Summary of the treatment selection process by preferred treatment option.

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
AMWTP Private Unit			
INEEL waste streams:			
CH-ANL-142T	LEAD-CONTAMINATED WASTE	CH-ANL-505T	ALHC UPGRADE DECON DEBRIS
ID-AEO-100	GENERAL PLANT WASTE	ID-AEO-100T	GENERAL PLANT WASTE
ID-AEO-101	CUT UP GLOVEBOXES	ID-AEO-101T	CUT UP GLOVEBOXES
ID-AEO-102	ABSORBED LIQUIDS	ID-AEO-102T	ABSORBED LIQUIDS
ID-AEO-105T	EMPTY BOTTLES AND ABSORBENTS	ID-AEO-106T	SPECIAL SOURCE MATERIAL
ID-AEO-110T	RESEARCH-GENERATED WASTE COMPACTIBLE & COMBUSTIBLE	ID-AEO-120T	COMPACTIBLE AND COMBUSTIBLE WASTE
ID-ANL-161	ANL-W ANALYTICAL CHEMISTRY LAB GLASSWARE	ID-ANL-162T	ANL-W FMF EFL Zr-U FUEL CASTING ALLOYS
ID-ANL-163T	ANL-W ACL COLD-LINE ABSORBED LIQUID, MIS.	ID-BCO-201	NONCOMBUSTIBLE SOLIDS
ID-BCO-201T	NONCOMBUSTIBLE SOLIDS	ID-BCO-202	COMBUSTIBLE SOLIDS
ID-BCO-202T	COMBUSTIBLE SOLIDS	ID-BCO-203	PAPER, METALS, GLASS
ID-BCO-203T	PAPER, METALS, GLASS	ID-BCO-204	SOLIDIFIED SOLUTIONS
ID-BCO-204T	SOLIDIFIED SOLUTIONS	ID-BTO-010	RAGS, GLOVES, POLY.
ID-BTO-010T	RAGS, GLOVES, POLY.	ID-BTO-020	NONCOMPRESSIBLE, NONCOMBUSTIBLE
ID-BTO-020T	NONCOMPRESSIBLE, NONCOMBUSTIBLE	ID-BTO-030T	SOLIDIFIED GRINDING SLUDGE, ETC.
ID-BTO-040T	SOLID BINARY SCRAP POWDER, ETC.	ID-INL-142T	TRANSURANIC-CONTAMINATED LEAD DEBRIS
ID-INL-150	LABORATORY WASTE	ID-INL-150T	LABORATORY WASTE
ID-INL-155	SCRAP	ID-INL-155T	SCRAP
ID-INL-157T	MISCELLANEOUS SOURCES	ID-MDO-801T	RAGS, PAPER, WOOD, ETC.
ID-MDO-802T	DRY BOX GLOVES AND O-RINGS	ID-MDO-803	METAL, EQUIPMENT, PIPES, VALVES, ETC.
ID-MDO-803T	METAL, EQUIPMENT, PIPES, VALVES, ETC.	ID-MDO-805T	ASBESTOS FILTERS
ID-MDO-810T	GLASS, FLASKS, SAMPLE VIALS, ETC.	ID-MDO-811T	EVAPORATOR AND DISSOLVER SLUDGE
ID-MDO-813T	GLASS FILTERS AND FIBERGLASS	ID-MDO-814T	CONTAMINATED MERCURY OR GRAPHITE CRUCIBLE
ID-MDO-815T	CLASSIFIED PARTS	ID-MDO-824	NONCOMBUSTIBLE EQUIPMENT BOXES
ID-MDO-824T	NONCOMBUSTIBLE EQUIPMENT BOXES SWEEPINGS	ID-MDO-826	COMBUSTIBLE EQUIPMENT BOXES OR FLOOR
ID-MDO-826T	COMBUSTIBLE EQUIPMENT BOXES OR FLOOR SWE	ID-MDO-827T	COMBUSTIBLE EQUIPMENT DRUMS
ID-MDO-834	HIGH-LEVEL ACID	ID-MDO-834T	HIGH-LEVEL ACID
ID-MDO-835	HIGH-LEVEL CAUSTIC	ID-MDO-835T	HIGH-LEVEL CAUSTIC
ID-MDO-836	HIGH-LEVEL SLUDGE/CEMENT	ID-MDO-836T	HIGH-LEVEL SLUDGE/CEMENT
ID-MDO-838	<10 nCi/g NONCOMBUSTIBLE	ID-MDO-842	CONTAMINATED SOIL

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-MDO-842T	CONTAMINATED SOIL	ID-MDO-847	LSA <100 nCi/g COMBUSTIBLE
ID-MDO-847T	LOW SPECIFIC ACTIVITY (<100 nCi/g) COMB.	ID-MDO-848	LSA <100 nCi/g NONCOMBUSTIBLE
ID-MDO-848T	LOW SPECIFIC ACTIVITY (<100 nCi/g) NONC.	ID-OFS-111	RESEARCH-GENERATED WASTE NONCOMPACTIBLE
ID-OFS-111T	RESEARCH-GENERATED WASTE NONCOMPACTIBLE	ID-OFS-121	DECONTAMINATION AND DECOMMISSIONING WASTE
ID-OFS-121T	DECONTAMINATION AND DECOMMISSIONING WASTE	ID-RFO-000	NOT RECORDED - UNKNOWN
ID-RFO-000T	NOT RECORDED - UNKNOWN	ID-RFO-001	FIRST STAGE SLUDGE
ID-RFO-001T	FIRST STAGE SLUDGE	ID-RFO-002	SECOND STAGE SLUDGE
ID-RFO-002T	SECOND STAGE SLUDGE	ID-RFO-003	ORGANIC SETUPS, OIL SOLIDS
ID-RFO-003T	ORGANIC SETUPS, OIL SOLIDS	ID-RFO-004	SPECIAL SETUPS (CEMENT)
ID-RFO-004T	SPECIAL SETUPS (CEMENT)	ID-RFO-005	EVAPORATOR SALTS
ID-RFO-005T	EVAPORATOR SALTS	ID-RFO-007	BLDG 374 DRY SLUDGE
ID-RFO-007T	BLDG 374 DRY SLUDGE	ID-RFO-090	DIRT
ID-RFO-112	SOLIDIFIED ORGANICS	ID-RFO-112T	SOLIDIFIED ORGANICS
ID-RFO-113	SOLID LAB WASTE	ID-RFO-113T	SOLID LAB WASTE
ID-RFO-114	SOLIDIFIED PROCESS SOLIDS	ID-RFO-114T	SOLIDIFIED PROCESS SOLIDS
ID-RFO-116	COMBUSTIBLE WASTE	ID-RFO-116T	COMBUSTIBLE WASTE
ID-RFO-117	METAL WASTE	ID-RFO-117T	METAL WASTE
ID-RFO-118	GLASS WASTE	ID-RFO-118T	GLASS WASTE
ID-RFO-119	HEPA FILTER WASTE	ID-RFO-119T	HEPA FILTER WASTE
ID-RFO-122	INORGANIC SOLID WASTE	ID-RFO-122T	INORGANIC SOLID WASTE
ID-RFO-123	LEADED RUBBER	ID-RFO-123T	LEADED RUBBER
ID-RFO-241	AMERICIUM PROCESS RESIDUE	ID-RFO-241T	AMERICIUM PROCESS RESIDUE
ID-RFO-290	FILTER SLUDGE	ID-RFO-292	CEMENTED SLUDGE
ID-RFO-292T	CEMENTED SLUDGE	ID-RFO-301	GRAPHITE CORES
ID-RFO-301T	GRAPHITE CORES	ID-RFO-302	BENELEX AND PLEXIGLASS
ID-RFO-302T	BENELEX AND PLEXIGLASS	ID-RFO-312T	COARSE GRAPHITE
ID-RFO-320	HEAVY NONSPECIAL SOURCE METAL	ID-RFO-320T	HEAVY NONSPECIAL SOURCE METAL
ID-RFO-328	FULFLO INCINERATOR FILTERS	ID-RFO-328T	FULFLO INCINERATOR FILTERS
ID-RFO-330	DRY PAPER AND RAGS	ID-RFO-330T	DRY PAPER AND RAGS
ID-RFO-335	ABSOLUTE 8 X 8 FILTERS	ID-RFO-335T	ABSOLUTE 8 X 8 FILTERS
ID-RFO-336	MOIST PAPER AND RAGS	ID-RFO-336T	MOIST PAPER AND RAGS
ID-RFO-337	PLASTICS, TEFLON, WASH, PVC	ID-RFO-337T	PLASTICS, TEFLON, WASH, PVC
ID-RFO-338	INSULATION AND CHEMICAL WARFARE SERVICE	ID-RFO-338T	INSULATION AND CHEMICAL WARFARE SERVICE

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-RFO-339	LEADED RUBBER GLOVES AND APRONS	ID-RFO-339T	LEADED RUBBER GLOVES AND APRONS
ID-RFO-360	INSULATION	ID-RFO-360T	INSULATION
ID-RFO-371	FIREBRICK	ID-RFO-371T	FIREBRICK
ID-RFO-374	BLACKTOP, CONCRETE, DIRT, AND SAND	ID-RFO-374T	BLACKTOP, CONCRETE, DIRT, AND SAND
ID-RFO-375	OIL-DRI RESIDUE FROM INCINERATOR	ID-RFO-375T	OIL-DRI RESIDUE FROM INCINERATOR
ID-RFO-376	CEMENTED INSULATION FILTER MEDIA	ID-RFO-376T	CEMENTED INSULATION AND FILTER MEDIA
ID-RFO-409T	MOLTEN SALTS - 30% UNPULVERIZED	ID-RFO-414T	DIRECT OXIDE REDUCTION SALT
ID-RFO-430	UNLEACHED ION COLUMN RESIN	ID-RFO-430T	UNLEACHED ION COLUMN RESIN
ID-RFO-431	LEACHED RESIN	ID-RFO-431T	LEACHED RESIN
ID-RFO-432	LEACHED AND CEMENTED RESIN	ID-RFO-432T	LEACHED AND CEMENTED RESIN
ID-RFO-440	GLASS	ID-RFO-440T	GLASS
ID-RFO-441	UNLEACHED RASHIG RINGS	ID-RFO-441T	UNLEACHED RASHIG RINGS
ID-RFO-442	LEACHED RASHIG RINGS	ID-RFO-442T	LEACHED RASHIG RINGS
ID-RFO-460T	WASHABLES, RUBBER, PLASTICS	ID-RFO-463	LEADED RUBBER GLOVES AND APRONS
ID-RFO-463T	LEADED RUBBER GLOVES AND APRONS	ID-RFO-464	BENELEX AND PLEXIGLASS
ID-RFO-464T	BENELEX AND PLEXIGLASS	ID-RFO-480	NONSPECIAL SOURCE METAL
ID-RFO-480T	NONSPECIAL SOURCE METAL	ID-RFO-481	LEACHED NONSPECIAL SOURCE METAL
ID-RFO-481T	LEACHED NONSPECIAL SOURCE METAL	ID-RFO-490	CHEMICAL WARFARE SERVICE FILTERS
ID-RFO-490T	CHEMICAL WARFARE SERVICE FILTERS	ID-RFO-700T	ORGANIC AND SLUDGE IMMOBILIZATION SYSTEM
ID-RFO-900	LOW SPECIFIC ACTIVITY PLASTICS, PAPER, ETC.	ID-RFO-900T	LOW SPECIFIC ACTIVITY PLASTICS, PAPER, ETC.
ID-RFO-950	LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.	ID-RFO-950T	LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.
ID-RFO-970	WOOD	ID-RFO-970T	WOOD
ID-RFO-976	BLDG 776 PROCESS SLUDGE	ID-RFO-976T	BLDG 776 PROCESS SLUDGE
ID-RFO-978	LAUNDRY SLUDGE	ID-RFO-978T	LAUNDRY SLUDGE
ID-RFO-980T	FILTER SLUDGE	ID-RFO-990	DIRT
ID-RFO-9999	PRE-73 DRUMS	ID-RFO-9999T	PRE-73 DRUMS
ID-TEC-156	CHEM CELL RIP-OUT	ID-TEC-670T	MTRU LABORATORY ANALYTICAL WASTE
ID-TEC-699T	MIXED TRU WASTE FROM NWCF AND CSSF	NR-NRF-515	LIQUID MERCURY

Offsite waste streams:

KW-W014	PCB-CONTAMINATED WASTE

CTF Commercial Mercury Treatment

INEEL waste streams:

CH-ANL-224	CONTAMINATED HG-IBC CASK MAINTENANCE	CH-ANL-660	ANL-W MERCURY AND MERCURY DEBRIS
ID-CFA-556	AQUEOUS WASTE SUBJECT TO UHCS	ID-INL-213	MERCURY-CONTAMINATED DEBRIS & ASBESTOS
ID-INL-267	PWTU SPENT FILTERS	ID-INL-270	HEAVY METAL-CONTAMINATED SOLIDS
ID-INL-299	SAMPLE WASTE	ID-INL-694	RETURNED SAMPLING RESIDUE

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-PBF-153	TAN/IET HOT WASTE SLUDGE	ID-PBF-297	TREATABILITY STUDY RESIDUES
ID-PBF-686	MERCURY-CONTAMINATED RAGS	ID-TAN-124	HTRE-3 Hg-CONTAMINATED CONCRETE WASTE
ID-TEC-131	MERCURY-CONTAMINATED SOLIDS		

CPP-659* Extraction - HEPA Filter Leach

INEEL waste streams:

ID-TEC-172	HEPA FILTERS

CTF Macroencapsulation

INEEL waste streams:

CH-ANL-111	URANIUM/CADMIUM FROM FCF EXPERIMENTS	CH-ANL-142	LEAD-CONTAM. SOLIDS-ANL-W OPERATIONS
CH-ANL-503	SPENT HEPA FILTERS AND PRE-FILTERS	CH-ANL-554	LEAD-CONTAMINATED DEBRIS
CH-ANL-669	MLLW Cd: FCF MODIFICATION AND ER WORK	CH-ANL-716	DEBRIS AND/OR SOLIDS W/HEAVY METALS
ID-CFA-107	ARA-IV SUMP SLUDGE	ID-CFA-108	Ba AND Cd CALIBRATION SOURCES
ID-CFA-533	ARA-I D&D NONCOMPACTIBLE LEAD	ID-CFA-661	ELECTRICAL COMPONENTS W/ LEAD
ID-CFA-667	MIXED LEAD	ID-CFA-677	DEMINERALIZER FILTER
ID-CFA-688	ARA-1 SOILS W/LEAD	ID-CFA-702	ARA-1 D&D PPE and PIPING/DRAINS
ID-INL-117	CONTAMINATED CADMIUM SHEETING	ID-INL-142	LEAD-CONTAMINATED DEBRIS
ID-INL-143	RADIOACTIVELY CONTAMINATED LEAD	ID-INL-266	WERF MONITOR DEBRIS
ID-INL-289	MISC. LABORATORY WASTES	ID-INL-299	SAMPLE WASTE
ID-INL-687	LEGACY SAMPLES	ID-INL-694	RETURNED SAMPLING RESIDUE
ID-INL-725	LISTED DEBRIS	ID-PBF-261	WERF BAGHOUSE BAGS (TEFLON)
ID-PBF-263	WERF HEPA FILTERS AND PREFILTERS	ID-PBF-264	WERF BAGHOUSE BAGS (BLUE MAX)
ID-PBF-272	URANIUM SPIKES AND LEAD	ID-PBF-297	TREATABILITY STUDY RESIDUES
ID-PBF-545	CERCLA SOIL CONTAMINATED WITH CHROMIUM	ID-PBF-550	MLLW FROM WERF OPERATIONS
ID-PBF-678	MWSF PIPING AND VALVES	ID-PBF-681	DEBRIS FROM HEAT EXCHANGER CHANGE-OUT
ID-RWM-685	HEPA FILTERS FROM DRUM VENT FACILITY	ID-SMC-133	MISCELLANEOUS LAB WASTES
ID-SMC-400	RAD-CONTAMINATED LEAD	ID-SMC-411	MIXED WASTE DEBRIS

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-SMC-537	MERCURY-CONTAMINATED MATERIALS	ID-TAN-126	HTRE-3 SPILL CLEANUP MATERIAL
ID-TAN-161	TAN TCLP SLUDGE (TCE, PCE)	ID-TAN-413	LEAD-CONTAMINATED SCRAP METAL
ID-TAN-502	ISV HEPA FILTERS		
ID-TAN-531	LEAD SHIELDING LOFT MOBILE TEST ASSEMBLY	ID-TAN-534	TAN-616 LEAD SHIELDING (PLATING)
ID-TAN-547	RADIOACTIVE CADMIUM SOURCES	ID-TAN-559	GWTF and PWTU WASTE
ID-TAN-709	DRUM EVAPORATOR SOLIDS	ID-TEC-111	CADMIUM-CONTAMINATED SOLIDS
ID-TEC-131	MERCURY-CONTAMINATED SOLIDS	ID-TEC-154	RADIOACTIVE-CONTAMINATED LEAD
ID-TEC-300	"A" CADMIUM RACKS	ID-TEC-304	CONTAMINATED DEBRIS
ID-TEC-305	LLW APS HEPA FILTERS	ID-TEC-306	D006-D011 CONTAMINATED SOLIDS
ID-TEC-307	CONTAMINATED LABORATORY RESIDUE	ID-TEC-308	LET&D HEPA FILTERS
ID-TEC-552	RADIOACTIVE LEAD WITH LISTED CODES	ID-TEC-698	SOIL, WOOD, CONCRETE, PPE
ID-TRA-128	LABORATORY EQUIPMENT AND DEBRIS	ID-TRA-253	CADMIUM FUEL GRID
ID-TRA-269	ELECTRONIC BOARD & MISC. MACHINERY PARTS	ID-TRA-281	ETR NONCOMPACTIBLE LEAD
ID-TRA-282	MTR D&D NONCOMPACTIBLE LEAD	ID-TRA-704	ARMF AND CFRMF COMPONENTS and SHIELDING
NR-NRF-117	CADMIUM SHEETS	NR-NRF-142	LEAD-CONTAMINATED DEBRIS
NR-NRF-143	RADIOACTIVE-CONTAMINATED LEAD (NRF)	NR-NRF-514	PAINT CHIPS
NR-NRF-520	BRASS AND BRONZE	NR-NRF-673	HEAVY METAL DEBRIS
NR-NRF-682	MERCURY LIGHT BULBS	NR-NRF-720	CH MLLW PARTICLES CONTAINING HEAVY METAL
Offsite waste streams:			
CN-W006	BRASS & BRONZE		
MI-W001	SOLID WASTE WITH HEAVY METALS		
MI-W004	EQUIPMENT CONTAINING THALLIUM	MI-W008	BRASS AND BRONZE
MI-W010	BATTERIES AND FILM PACKS WITH MERCURY	MI-W014	INORGANIC DEBRIS W/HEAVY METALS W/O Hg

CTF Stabilization

INEEL waste streams:			
ID-CFA-121	HEAVY METAL LIQUID LAB WASTES	ID-CFA-556	AQUEOUS WASTE SUBJECT TO UHCS
ID-CFA-664	EDTA AND LEAD		

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-CFA-676	RESIN COLUMN MEDIA	ID-CFA-695	ARA-II SEPTIC TANK SOLIDIFIED SLUDGE
ID-CFA-701	PAINT RESIDUE CONTAMINATED W/ PCBs	ID-CFA-702	ARA-1 D&D PPE and PIPING/DRAINS
ID-CFA-705	VERMICULITE WITH GREASE	ID-INL-142	LEAD-CONTAMINATED DEBRIS
ID-INL-143	RADIOACTIVELY CONTAMINATED LEAD	ID-INL-213	MERCURY-CONTAMINATED DEBRIS & ASBESTOS
ID-INL-267	PWTU SPENT FILTERS	ID-INL-270	HEAVY METAL-CONTAMINATED SOLIDS
ID-INL-289	MISC. LABORATORY WASTES	ID-INL-299	SAMPLE WASTE
ID-INL-687	LEGACY SAMPLES	ID-INL-694	RETURNED SAMPLING RESIDUE
ID-INL-700	PCB-CONTAMINATED DEBRIS AND RESIDUE	ID-INL-710	MLLW FLOOR STRIPPING MATERIALS
ID-INL-724	MIXED LOW-LEVEL LIQUIDS	ID-INL-725	LISTED DEBRIS
ID-IRC-271	BIOPROCESSING MIXED WASTE	ID-IRC-501	Cd AND Pb-CONTAMINATED SOIL, TRACE RAD
ID-PBF-147	SOLIDIFIED WERF ASH (FAILED TCLP)	ID-PBF-212	Pb AND Cd-CONTAMINATED SOIL
ID-PBF-274	WERF FLY ASH	ID-PBF-275	WERF BOTTOM ASH
ID-PBF-277	WERF SIZING BAGHOUSE DUST	ID-PBF-297	TREATABILITY STUDY RESIDUES
ID-PBF-297	TREATABILITY STUDY RESIDUES	ID-PBF-545	CERCLA SOIL CONTAMINATED WITH CHROMIUM
ID-PBF-549	AQUEOUS LIQUID W/METALS AND PCBs	ID-PBF-550	MLLW FROM WERF OPERATIONS
ID-PBF-681	DEBRIS FROM HEAT EXCHANGER CHANGE-OUT	ID-PBF-684	RINSATE WATER
ID-PBF-714	WERF INCINERATOR FLY ASH	ID-PBF-715	WERF INCINERATOR BOTTOM ASH
ID-RWM-255	MERCURY-CONTAMINATED SOIL	ID-RWM-508	EQUIPMENT PIT DECON WASTE
ID-RWM-692	NITRATE SALTS	ID-SMC-305	HEAVY METAL-CONTAMINATED WASTE OILS
ID-SMC-411	MIXED WASTE DEBRIS	ID-SMC-507	EUTECTIC SALT WITH LEAD (Pb)
ID-SMC-528	CADMIUM-CONTAMINATED MOP WATER	ID-SMC-691	NITRIC ACID
ID-TAN-126	HTRE-3 SPILL CLEANUP MATERIAL	ID-TAN-162	TAN DECON SOLVENT WASTES
ID-TAN-163	TAN DECON HEAVY METAL SOLIDS AND DEBRIS	ID-TAN-170	IET LIQUID WASTE
ID-TAN-254	HTRE-3 TREATMENT SLUDGE	ID-TAN-557	TAN-607 FLOOR SWEEPINGS & VAT RESIDUE
ID-TAN-666	PCB-CONTAMINATED DEBRIS	ID-TAN-718	SAMPLING EQUIPMENT AND RESIDUE
ID-TAN-721	SILVER ZEOLITE	ID-TAN-723	PAINT CHIPS WITH LEAD/PCBs
ID-TEC-160	PCB-CONTAMINATED WASTE	ID-TEC-201	F002-CONTAMINATED SOLIDS
ID-TEC-301	LIQUID ACID/MERCURY MIXED WASTE	ID-TEC-302	LIQUID HIGH CHLORIDE CORROSIVE MW
ID-TEC-304	CONTAMINATED DEBRIS	ID-TEC-306	D006-D011 CONTAMINATED SOLIDS
ID-TEC-307	CONTAMINATED LABORATORY RESIDUE	ID-TEC-504	NON-DEBRIS SOLIDS
ID-TEC-510	DEBRIS TREATMENT RESIDUE – LISTED	ID-TEC-527	CONTAMINATED SOIL - LISTED
ID-TEC-530	D006-D011 CONTAMINATED NON-DEBRIS SOLIDS	ID-TEC-698	SOIL, WOOD, CONCRETE, PPE
ID-TEC-708	NWCF HEPA FILTER SAMPLE RESIDUES	ID-TEC-713	TURCO DESCALER AT NWCF

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-TRA-128	LABORATORY EQUIPMENT AND DEBRIS	ID-TRA-157	TRA WARM WASTE POND SAMPLES
ID-TRA-526	RADIOACTIVE METALS (Cr, Cd, Pb, Ba, etc.)	ID-TRA-667	PCB ACID DIGESTION RESIDUE
ID-TRA-693	LEAD-CONTAMINATED PAINT CHIPS	NR-NRF-190	LEAD FILINGS
NR-NRF-514	PAINT CHIPS	NR-NRF-517	OIL WITH HEAVY METALS
NR-NRF-518	WATER WITH HEAVY METALS	NR-NRF-665	PAINT CHIPS W/ PCB AND RCRA CONSTITUENTS
NR-NRF-706	RH PARTICULATES WITH HEAVY METALS		
Offsite waste streams:			
CN-W003	LEAD AND/OR CHROMIUM-BASED PAINT CHIPS	CN-W005	Cd-PLATED METALS
MI-W002	SOLIDIFIED SOLUTION WITH HEAVY METALS	MI-W003	PAINT CHIPS W/HEAVY METALS

CTF Thermal Treatment

INEEL waste streams:

CH-ANL-183	RADIOACTIVE PAINT STRIPPING WASTE	CH-ANL-553	WCA MIXED WASTE
ID-CFA-103	LIQUID LAB WASTE W/ METALS AND ORGANICS	ID-CFA-256	METHANOL SOLUTION
ID-CFA-259	RADIOACTIVE PCB OIL W/TCLP ORGANICS	ID-CFA-551	HDEHP/HEPTANE EXTRACTANT
ID-CFA-662	SCINTILLATION COCKTAILS	ID-CFA-734	XYLENE, ALIQUOT 336 WITH PERCHLORATE
ID-INL-289	MISC. LABORATORY WASTES		
ID-INL-299	SAMPLE WASTE	ID-INL-687	LEGACY SAMPLES
ID-INL-694	RETURNED SAMPLING RESIDUE	ID-INL-724	MIXED LOW-LEVEL LIQUIDS
ID-INL-726	MLLW OILS	ID-IRC-668	BIOASSAY ANALYSIS WASTE
ID-PBF-297	TREATABILITY STUDY RESIDUES	ID-SMC-133	MISCELLANEOUS LAB WASTES
ID-SMC-301	TCA STILL BOTTOMS	ID-SMC-303	MISCELLANEOUS PAINT WASTES
ID-SMC-305	HEAVY METAL-CONTAMINATED WASTE OILS	ID-SMC-696	LEGACY TCE AND CORROSIVE WATER
ID-TAN-162	TAN DECON SOLVENT WASTES	ID-TAN-170	IET LIQUID WASTE
ID-TAN-188	TURCO DECON SOLUTION (UNUSED)	ID-TAN-209	TURCO DECON (OXIDIZER)
ID-TAN-559	GWTF AND PWTU WASTE	ID-TEC-217	SCRUB PUMP RADIOACTIVE OIL
ID-TEC-304	CONTAMINATED DEBRIS	ID-TEC-717	SAMPLE RESIDUE FROM CERAMIC SAMPLING
ID-TRA-127	TRA SCINTILLATION COCKTAILS (ALPHA <10)	ID-TRA-294	SOLVENT-CONTAMINATED RAGS
ID-TRA-525	SOLVENT EXTRACTANTS		

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
CTF TSCA/PCB Thermal Treatment			
INEEL waste streams:			
ID-CFA-701	PAINT RESIDUE CONTAMINATED W/ PCBs	ID-CFA-702	ARA-1 D&D PPE AND PIPING/DRAINS
ID-INL-142	LEAD-CONTAMINATED DEBRIS	ID-INL-687	LEGACY SAMPLES
ID-INL-700	PCB-CONTAMINATED DEBRIS AND RESIDUE	ID-PBF-297	TREATABILITY STUDY RESIDUES
ID-TAN-666	PCB-CONTAMINATED DEBRIS	ID-TEC-160	PCB-CONTAMINATED WASTE
NR-NRF-665	PAINT CHIPS W/ PCB AND RCRA CONSTITUENTS	ID-TRA-667	PCB ACID DIGESTION RESIDUE
DD Direct Disposal at SCDF			
INEEL waste streams:			
ID-INL-142	LEAD-CONTAMINATED DEBRIS	ID-INL-694	RETURNED SAMPLING RESIDUE
ID-PBF-147	SOLIDIFIED WERF ASH (FAILED TCLP)	ID-PBF-550	MLLW FROM WERF OPERATIONS
ID-TAN-548	MACROENCAPSULATED LEAD SWARF	ID-TAN-559	GWTF AND PWTU WASTE
ID-TEC-698	SOIL, WOOD, CONCRETE, PPE		
Offsite waste streams:			
MI-W011	MATERIALS CONTAINING PCBS		
ICPP RH - Immobilization Facility			
INEEL waste streams:			
ID-TEC-174	HIGH-LEVEL WASTE CALCINE SOLIDS		
NWCF Calcination			
INEEL waste streams:			
ID-TEC-173	HIGH-LEVEL LIQUID WASTE		

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
RTF	**RH - Preparation/Treatment**		
INEEL waste streams:			
CH-ANL-218T	ELECTROREFINER SALT	CH-ANL-241T	TRU-CD-HOT CELL WASTE
CH-ANL-245T	ELECTROREFINER CADMIUM	CH-ANL-503T	TRU WASTE USED PRE-FILTERS
ID-AEO-107T	REMOTE-HANDLED WASTE	ID-ANL-160T	ANL-W HFEF ANALYTICAL CHEMISTRY AND METAL
ID-ANL-161	ANL-W ANALYTICAL CHEMISTRY LAB GLASSWARE	ID-BTO-030	SOLIDIFIED GRINDING SLUDGE, ETC.
ID-BTO-040T	SOLID BINARY SCRAP POWDER, ETC.	ID-INL-150	LABORATORY WASTE
ID-INL-150T	LABORATORY WASTE	ID-INL-157T	MISCELLANEOUS SOURCES
ID-RFO-000	NOT RECORDED - UNKNOWN	ID-RFO-000T	NOT RECORDED - UNKNOWN
ID-RFO-001	FIRST STAGE SLUDGE	ID-RFO-001T	FIRST STAGE SLUDGE
ID-RFO-002	SECOND STAGE SLUDGE	ID-RFO-002T	SECOND STAGE SLUDGE
ID-RFO-320	HEAVY NONSPECIAL SOURCE METAL	ID-RFO-320T	HEAVY NONSPECIAL SOURCE METAL
ID-RFO-330	DRY PAPER AND RAGS	ID-RFO-330T	DRY PAPER AND RAGS
ID-RFO-335	ABSOLUTE 8 X 8 FILTERS	ID-RFO-335T	ABSOLUTE 8 X 8 FILTERS
ID-RFO-336	MOIST PAPER AND RAGS	ID-RFO-336T	MOIST PAPER AND RAGS
ID-RFO-337	PLASTICS, TEFLON, WASH, PVC	ID-RFO-337T	PLASTICS, TEFLON, WASH, PVC
ID-RFO-339	LEADED RUBBER GLOVES AND APRONS	ID-RFO-339T	LEADED RUBBER GLOVES AND APRONS
ID-RFO-432	LEACHED AND CEMENTED RESIN	ID-RFO-432T	LEACHED AND CEMENTED RESIN
ID-RFO-440	GLASS	ID-RFO-440T	GLASS
ID-RFO-441	UNLEACHED RASHIG RINGS	ID-RFO-441T	UNLEACHED RASHIG RINGS
ID-RFO-442	LEACHED RASHIG RINGS	ID-RFO-442T	LEACHED RASHIG RINGS
ID-RFO-463	LEADED RUBBER GLOVES AND APRONS	ID-RFO-463T	LEADED RUBBER GLOVES AND APRONS
ID-RFO-480	NONSPECIAL SOURCE METAL	ID-RFO-480T	NONSPECIAL SOURCE METAL
ID-RFO-481	LEACHED NONSPECIAL SOURCE METAL	ID-RFO-481T	LEACHED NONSPECIAL SOURCE METAL
ID-RFO-9999	PRE-73 DRUMS	ID-RFO-9999T	PRE-73 DRUMS
ID-TAN-200T	AMERICIUM SOURCES	ID-TEC-151T	SOLIDIFIED FUEL SLUDGE
ID-TEC-511	SLUDGE – LISTED	ID-TRA-291T	TRU HEAVY METAL SLUDGE
RTF	**RTF Preparation/Treatment**		
INEEL waste streams:			
CH-ANL-180	SODIUM - LLW	CH-ANL-180T	SODIUM - TRU
CH-ANL-182	SODIUM POTASSIUM NaK	CH-ANL-182T	SODIUM POTASSIUM - NaK- TRU

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
SCMS DEACT			
INEEL waste streams:			
CH-ANL-179	SODIUM (CONTAMINATED) TIN BISMUTH ALLOY	CH-ANL-180	SODIUM - LLW
CH-ANL-182	SODIUM POTASSIUM NaK	CH-ANL-722	LITHIUM HYDRIDE
SCMS Neutralization			
INEEL waste streams:			
CH-ANL-244	ICP WASTE SOLUTIONS W/ HEAVY METALS	CH-ANL-683	LABORATORY CORROSIVE WASTE W/ METALS
CH-ANL-711	EML ETCHING SOLUTION	CH-ANL-712	ANL-W ETCHING SOLUTIONS:
ID-INL-187	S1G SODIUM	ID-SMC-133	MISCELLANEOUS LAB WASTES
ID-TRA-707	NITRIC ACID FROM TMI FUEL FINES SAMPLES	NR-NRF-703	CORROSIVE LIQUIDS WITH HEAVY METALS
SCMS Open/Melt/Drain			
INEEL waste streams:			
CH-ANL-506	SODIUM STORED IN BLDG 703 & OTHER AREAS		
Offsite waste streams:			
RP-W001	NE FAST REACTOR PHYSICS SODIUM		
SCMS SCMS Prep			
INEEL waste streams:			
CH-ANL-111	URANIUM/CADMIUM FROM FCF EXPERIMENTS	CH-ANL-142	LEAD-CONTAM. SOLIDS-ANL-W OPERATIONS
CH-ANL-183	RADIOACTIVE PAINT STRIPPING WASTE	CH-ANL-224	CONTAMINATED HG-IBC CASK MAINTENANCE
CH-ANL-503	SPENT HEPA FILTERS AND PRE-FILTERS	CH-ANL-553	WCA MIXED WASTE
CH-ANL-554	LEAD-CONTAMINATED DEBRIS	CH-ANL-660	ANL-W MERCURY AND MERCURY DEBRIS
CH-ANL-669	MLLW Cd: FCF MODIFICATION AND ER WORK	CH-ANL-716	DEBRIS AND/OR SOLIDS W/HEAVY METALS

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
SCMS Stabilization			
INEEL waste streams:			
CH-ANL-244	ICP WASTE SOLUTIONS W/ HEAVY METALS	CH-ANL-683	LABORATORY CORROSIVE WASTE W/ METALS
CH-ANL-691	TREAT/PHP STACK CONDENSATE WATER	CH-ANL-711	EML ETCHING SOLUTION
CH-ANL-712	ANL-W ETCHING SOLUTIONS:	ID-INL-187	S1G SODIUM
ID-SMC-133	MISCELLANEOUS LAB WASTES	ID-TAN-718	SAMPLING EQUIPMENT AND RESIDUE
ID-TRA-707	NITRIC ACID FROM TMI FUEL FINES SAMPLES	NR-NRF-703	CORROSIVE LIQUIDS WITH HEAVY METALS
SPF Water Reaction (Na to NaOH)			
INEEL waste streams:			
CH-ANL-180	SODIUM - LLW	CH-ANL-182	SODIUM POTASSIUM NaK
CH-ANL-506	SODIUM STORED IN BLDG 703 & OTHER AREAS		
Offsite waste streams:			
RP-W001	NE FAST REACTOR PHYSICS SODIUM		
WIPP Disposal - Contact-Handled			
INEEL waste streams:			
CH-ANL-142T	LEAD-CONTAMINATED WASTE	CH-ANL-505T	ALHC UPGRADE DECON DEBRIS
ID-AEO-100	GENERAL PLANT WASTE	ID-AEO-100T	GENERAL PLANT WASTE
ID-AEO-101	CUT UP GLOVEBOXES	ID-AEO-101T	CUT UP GLOVEBOXES
ID-AEO-102	ABSORBED LIQUIDS	ID-AEO-102T	ABSORBED LIQUIDS
ID-AEO-105T	EMPTY BOTTLES AND ABSORBENTS	ID-AEO-106T	SPECIAL SOURCE MATERIAL
ID-AEO-110T	RESEARCH-GENERATED WASTE COMPACTIBLE & COMB.	ID-AEO-120T	COMPACTIBLE AND COMBUSTIBLE WASTE
ID-ANL-161	ANL-W ANALYTICAL CHEMISTRY LAB GLASSWARE	ID-ANL-162T	ANL-W FMF EFL Zr-U FUEL CASTING ALLOYS
ID-ANL-163T	ANL-W ACL COLD-LINE ABSORBED LIQUID, MIS.	ID-BCO-201	NONCOMBUSTIBLE SOLIDS
ID-BCO-201T	NONCOMBUSTIBLE SOLIDS	ID-BCO-202	COMBUSTIBLE SOLIDS
ID-BCO-202T	COMBUSTIBLE SOLIDS	ID-BCO-203	PAPER, METALS, GLASS
ID-BCO-203T	PAPER, METALS, GLASS	ID-BCO-204	SOLIDIFIED SOLUTIONS
ID-BCO-204T	SOLIDIFIED SOLUTIONS	ID-BTO-010	RAGS, GLOVES, POLY
ID-BTO-010T	RAGS, GLOVES, POLY	ID-BTO-020	NONCOMPRESSIBLE, NONCOMBUSTIBLE
ID-BTO-020T	NONCOMPRESSIBLE, NONCOMBUSTIBLE	ID-BTO-030T	SOLIDIFIED GRINDING SLUDGE, ETC.
ID-BTO-040T	SOLID BINARY SCRAP POWDER, ETC.	ID-INL-142T	TRANSURANIC-CONTAMINATED LEAD DEBRIS
ID-INL-150	LABORATORY WASTE	ID-INL-150T	LABORATORY WASTE
ID-INL-155	SCRAP	ID-INL-155T	SCRAP
ID-INL-157T	MISCELLANEOUS SOURCES	ID-MDO-801T	RAGS, PAPER, WOOD, ETC.
ID-MDO-802T	DRY BOX GLOVES AND O-RINGS	ID-MDO-803	METAL, EQUIPMENT, PIPES, VALVES, ETC.

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-MDO-803T	METAL, EQUIPMENT, PIPES, VALVES, ETC.	ID-MDO-805T	ASBESTOS FILTERS
ID-MDO-810T	GLASS, FLASKS, SAMPLE VIALS, ETC.	ID-MDO-811T	EVAPORATOR AND DISSOLVER SLUDGE
ID-MDO-813T	GLASS FILTERS AND FIBERGLASS	ID-MDO-814T	CONTAMINATED MERCURY OR GRAPHITE CRUCIBLE
ID-MDO-815T	CLASSIFIED PARTS	ID-MDO-824	NONCOMBUSTIBLE EQUIPMENT BOXES
ID-MDO-824T	NONCOMBUSTIBLE EQUIPMENT BOXES SWEEPINGS	ID-MDO-826	COMBUSTIBLE EQUIPMENT BOXES OR FLOOR
ID-MDO-826T	COMBUSTIBLE EQUIPMENT BOXES OR FLOOR SWE	ID-MDO-827T	COMBUSTIBLE EQUIPMENT DRUMS
ID-MDO-834	HIGH-LEVEL ACID	ID-MDO-834T	HIGH-LEVEL ACID
ID-MDO-835	HIGH-LEVEL CAUSTIC	ID-MDO-835T	HIGH-LEVEL CAUSTIC
ID-MDO-836	HIGH-LEVEL SLUDGE/CEMENT	ID-MDO-836T	HIGH-LEVEL SLUDGE/CEMENT
ID-MDO-838	<10 nCi/g NONCOMBUSTIBLE	ID-MDO-842	CONTAMINATED SOIL
ID-MDO-842T	CONTAMINATED SOIL	ID-MDO-847	LSA <100 nCi/g COMBUSTIBLE
ID-MDO-847T	LOW SPECIFIC ACTIVITY (<100 nCi/g) COMB.	ID-MDO-848	LSA <100 nCi/g NONCOMBUSTIBLE
ID-MDO-848T	LOW SPECIFIC ACTIVITY (<100 nCi/g) NONC.	ID-OFS-111	RESEARCH-GENERATED WASTE NONCOMPACTIBLE
ID-OFS-111T	RESEARCH-GENERATED WASTE NONCOMPACTIBLE	ID-OFS-121	DECONTAMINATION AND DECOMMISSIONING WASTE
ID-OFS-121T	DECONTAMINATION AND DECOMMISSIONING WASTE	ID-RFO-000	NOT RECORDED – UNKNOWN
ID-RFO-000T	NOT RECORDED - UNKNOWN	ID-RFO-001	FIRST STAGE SLUDGE
ID-RFO-001T	FIRST STAGE SLUDGE	ID-RFO-002	SECOND STAGE SLUDGE
ID-RFO-002T	SECOND STAGE SLUDGE	ID-RFO-003	ORGANIC SETUPS, OIL SOLIDS
ID-RFO-003T	ORGANIC SETUPS, OIL SOLIDS	ID-RFO-004	SPECIAL SETUPS (CEMENT)
ID-RFO-004T	SPECIAL SETUPS (CEMENT)	ID-RFO-005	EVAPORATOR SALTS
ID-RFO-005T	EVAPORATOR SALTS	ID-RFO-007	BLDG 374 DRY SLUDGE
ID-RFO-007T	BLDG 374 DRY SLUDGE	ID-RFO-090	DIRT
ID-RFO-112	SOLIDIFIED ORGANICS	ID-RFO-112T	SOLIDIFIED ORGANICS
ID-RFO-113	SOLID LAB WASTE	ID-RFO-113T	SOLID LAB WASTE
ID-RFO-114	SOLIDIFIED PROCESS SOLIDS	ID-RFO-114T	SOLIDIFIED PROCESS SOLIDS
ID-RFO-116	COMBUSTIBLE WASTE	ID-RFO-116T	COMBUSTIBLE WASTE
ID-RFO-117	METAL WASTE	ID-RFO-117T	METAL WASTE
ID-RFO-118	GLASS WASTE	ID-RFO-118T	GLASS WASTE
ID-RFO-119	HEPA FILTER WASTE	ID-RFO-119T	HEPA FILTER WASTE
ID-RFO-122	INORGANIC SOLID WASTE	ID-RFO-122T	INORGANIC SOLID WASTE
ID-RFO-123	LEADED RUBBER	ID-RFO-123T	LEADED RUBBER
ID-RFO-241	AMERICIUM PROCESS RESIDUE	ID-RFO-241T	AMERICIUM PROCESS RESIDUE
ID-RFO-290	FILTER SLUDGE	ID-RFO-292	CEMENTED SLUDGE
ID-RFO-292T	CEMENTED SLUDGE	ID-RFO-301	GRAPHITE CORES
ID-RFO-301T	GRAPHITE CORES	ID-RFO-302	BENELEX AND PLEXIGLASS
ID-RFO-302T	BENELEX AND PLEXIGLASS	ID-RFO-312T	COARSE GRAPHITE
ID-RFO-320	HEAVY NONSPECIAL SOURCE METAL	ID-RFO-320T	HEAVY NONSPECIAL SOURCE METAL
ID-RFO-328	FULFLO INCINERATOR FILTERS	ID-RFO-328T	FULFLO INCINERATOR FILTERS

Table 6-1. (continued).

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
ID-RFO-330	DRY PAPER AND RAGS	ID-RFO-330T	DRY PAPER AND RAGS
ID-RFO-335	ABSOLUTE 8 X 8 FILTERS	ID-RFO-335T	ABSOLUTE 8 X 8 FILTERS
ID-RFO-336	MOIST PAPER AND RAGS	ID-RFO-336T	MOIST PAPER AND RAGS
ID-RFO-337	PLASTICS, TEFLON, WASH, PVC	ID-RFO-337T	PLASTICS, TEFLON, WASH, PVC
ID-RFO-338	INSULATION AND CHEMICAL WARFARE SERVICE	ID-RFO-338T	INSULATION AND CHEMICAL WARFARE SERVICE
ID-RFO-339	LEADED RUBBER GLOVES AND APRONS	ID-RFO-339T	LEADED RUBBER GLOVES AND APRONS
ID-RFO-360	INSULATION	ID-RFO-360T	INSULATION
ID-RFO-371	FIREBRICK	ID-RFO-371T	FIREBRICK
ID-RFO-374	BLACKTOP, CONCRETE, DIRT, AND SAND	ID-RFO-374T	BLACKTOP, CONCRETE, DIRT, AND SAND
ID-RFO-375	OIL-DRI RESIDUE FROM INCINERATOR	ID-RFO-375T	OIL-DRI RESIDUE FROM INCINERATOR
ID-RFO-376	CEMENTED INSULATION FILTER MEDIA	ID-RFO-376T	CEMENTED INSULATION AND FILTER MEDIA
ID-RFO-409T	MOLTEN SALTS - 30% UNPULVERIZED	ID-RFO-414T	DIRECT OXIDE REDUCTION SALT
ID-RFO-430	UNLEACHED ION COLUMN RESIN	ID-RFO-430T	UNLEACHED ION COLUMN RESIN
ID-RFO-431	LEACHED RESIN	ID-RFO-431T	LEACHED RESIN
ID-RFO-432	LEACHED AND CEMENTED RESIN	ID-RFO-432T	LEACHED AND CEMENTED RESIN
ID-RFO-440	GLASS	ID-RFO-440T	GLASS
ID-RFO-441	UNLEACHED RASHIG RINGS	ID-RFO-441T	UNLEACHED RASHIG RINGS
ID-RFO-442	LEACHED RASHIG RINGS	ID-RFO-442T	LEACHED RASHIG RINGS
ID-RFO-460T	WASHABLES, RUBBER, PLASTICS	ID-RFO-463	LEADED RUBBER GLOVES AND APRONS
ID-RFO-463T	LEADED RUBBER GLOVES AND APRONS	ID-RFO-464	BENELEX AND PLEXIGLASS
ID-RFO-464T	BENELEX AND PLEXIGLASS	ID-RFO-480	NONSPECIAL SOURCE METAL
ID-RFO-480T	NONSPECIAL SOURCE METAL	ID-RFO-481	LEACHED NONSPECIAL SOURCE METAL
ID-RFO-481T	LEACHED NONSPECIAL SOURCE METAL	ID-RFO-490	CHEMICAL WARFARE SERVICE FILTERS
ID-RFO-490T	CHEMICAL WARFARE SERVICE FILTERS	ID-RFO-700T	ORGANIC AND SLUDGE IMMOBILIZATION SYSTEM
ID-RFO-900	LOW SPECIFIC ACTIVITY PLASTICS, PAPER, ETC.	ID-RFO-900T	LOW SPECIFIC ACTIVITY PLASTICS, PAPER, ETC.
ID-RFO-950	LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.	ID-RFO-950T	LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.
ID-RFO-970	WOOD	ID-RFO-970T	WOOD
ID-RFO-976	BLDG 776 PROCESS SLUDGE	ID-RFO-976T	BLDG 776 PROCESS SLUDGE
ID-RFO-978	LAUNDRY SLUDGE	ID-RFO-978T	LAUNDRY SLUDGE
ID-RFO-980T	FILTER SLUDGE	ID-RFO-990	DIRT
ID-RFO-9999	PRE-73 DRUMS	ID-RFO-9999T	PRE-73 DRUMS
ID-TEC-156	CHEM CELL RIP-OUT	ID-TEC-670T	MTRU LABORATORY ANALYTICAL WASTE
ID-TEC-699T	MIXED TRU WASTE FROM NWCF AND CSSF		

Table 6-1. (continued).

WIPP Disposal - Remote-Handled

INEEL waste streams:

Waste Stream ID	Waste Stream Name	Waste Stream ID	Waste Stream Name
CH-ANL-218T	ELECTROREFINER SALT	CH-ANL-241T	TRU-CD-HOT CELL WASTE
CH-ANL-245T	ELECTROREFINER CADMIUM	CH-ANL-503T	TRU WASTE USED PRE-FILTERS
ID-AEO-107T	REMOTE-HANDLED WASTE	ID-ANL-160T	ANL-W HFEF ANALYTICAL CHEMISTRY AND METAL
ID-ANL-161	ANL-W ANALYTICAL CHEMISTRY LAB GLASSWARE	ID-BTO-030	SOLIDIFIED GRINDING SLUDGE, ETC.
ID-BTO-040T	SOLID BINARY SCRAP POWDER, ETC.	ID-INL-150	LABORATORY WASTE
ID-INL-150T	LABORATORY WASTE	ID-INL-157T	MISCELLANEOUS SOURCES
ID-RFO-000	NOT RECORDED - UNKNOWN	ID-RFO-000T	NOT RECORDED - UNKNOWN
ID-RFO-001	FIRST STAGE SLUDGE	ID-RFO-001T	FIRST STAGE SLUDGE
ID-RFO-002	SECOND STAGE SLUDGE	ID-RFO-002T	SECOND STAGE SLUDGE
ID-RFO-320	HEAVY NONSPECIAL SOURCE METAL	ID-RFO-320T	HEAVY NONSPECIAL SOURCE METAL
ID-RFO-330	DRY PAPER AND RAGS	ID-RFO-330T	DRY PAPER AND RAGS
ID-RFO-335	ABSOLUTE 8 X 8 FILTERS	ID-RFO-335T	ABSOLUTE 8 X 8 FILTERS
ID-RFO-336	MOIST PAPER AND RAGS	ID-RFO-336T	MOIST PAPER AND RAGS
ID-RFO-337	PLASTICS, TEFLON, WASH, PVC	ID-RFO-337T	PLASTICS, TEFLON, WASH, PVC
ID-RFO-339	LEADED RUBBER GLOVES AND APRONS	ID-RFO-339T	LEADED RUBBER GLOVES AND APRONS
ID-RFO-432	LEACHED AND CEMENTED RESIN	ID-RFO-432T	LEACHED AND CEMENTED RESIN
ID-RFO-440	GLASS	ID-RFO-440T	GLASS
ID-RFO-441	UNLEACHED RASHIG RINGS	ID-RFO-441T	UNLEACHED RASHIG RINGS
ID-RFO-442	LEACHED RASHIG RINGS	ID-RFO-442T	LEACHED RASHIG RINGS
ID-RFO-463	LEADED RUBBER GLOVES AND APRONS	ID-RFO-463T	LEADED RUBBER GLOVES AND APRONS
ID-RFO-480	NONSPECIAL SOURCE METAL	ID-RFO-480T	NONSPECIAL SOURCE METAL
ID-RFO-481	LEACHED NONSPECIAL SOURCE METAL	ID-RFO-481T	LEACHED NONSPECIAL SOURCE METAL
ID-RFO-9999	PRE-73 DRUMS	ID-RFO-9999T	PRE-73 DRUMS
ID-TAN-200T	AMERICIUM SOURCES	ID-TEC-151T	SOLIDIFIED FUEL SLUDGE
ID-TRA-291T	TRU HEAVY METAL SLUDGE		

Table 6-2. Treatment Plans.

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
Onsite mixed waste treatment plans							
CH-ANL-111		**URANIUM/CADMIUM FROM FCF EXPERIMENTS**			Storage (m^3):	**0.6246**	5-Year (m^3): **0.5000**
		a	SCMS	SCMS Prep			
		b	CTF	Commercial Macroencapsulation			
		c	SCDF	Disposal - Contact-Handled			
CH-ANL-142		**LEAD-CONTAM. SOLIDS-ANL-W OPERATIONS**			Storage (m^3):	**0.6075**	5-Year (m^3): **0.1000**
		a	SCMS	SCMS Prep			
		b	CTF	Commercial Macroencapsulation			
		c	SCDF	Disposal - Contact-Handled			
CH-ANL-142T		**LEAD-CONTAMINATED WASTE**			Storage (m^3):	**0.6246**	5-Year (m^3): **0.1000**
		a	AMWTP	Private Unit			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Contact-Handled			
CH-ANL-179		**SODIUM (CONTAMINATED) TIN BISMUTH ALLOY**			Storage (m^3):	**1.5330**	5-Year (m^3): **0.4000**
		a	SCMS	DEACT			
		b	RWMC	Disposal - Contact-Handled			
CH-ANL-180		**SODIUM - LLW**			Storage (m^3):	**66.5577**	5-Year (m^3): **25.5500**
*RSSF-CH	24.00	a	SCMS	DEACT			
		b	SPF	Water Reaction (Na to NaOH)			
		c	RWMC	Disposal - Contact-Handled			
*RSWF-RH	76.00	a	RTF	RTF Preparation/Treatment			
		b	RWMC	Disposal - Remote-Handled			
CH-ANL-180T		**SODIUM - TRU**			Storage (m^3):	**13.6241**	5-Year (m^3): **0.5000**
		a	RTF	RTF Preparation/Treatment			
		b	RWMC	Disposal - Remote-Handled			
CH-ANL-182		**SODIUM POTASSIUM NaK**			Storage (m^3):	**2.7408**	5-Year (m^3): **0.2100**
*RSWF-RH	63.00	a	RTF	RTF Preparation/Treatment			
		b	RWMC	Disposal - Remote-Handled			
*RSSF-CH	37.00	a	SCMS	DEACT			
		b	SPF	Water Reaction (Na to NaOH)			
		c	RWMC	Disposal - Contact-Handled			
CH-ANL-182T		**SODIUM POTASSIUM - NaK- TRU**			Storage (m^3):	**0.2549**	5-Year (m^3): **0.0000**
		a	RTF	RTF Preparation/Treatment			
		b	RWMC	Disposal - Remote-Handled			
CH-ANL-183		**RADIOACTIVE PAINT STRIPPING WASTE**			Storage (m^3):	**0.2082**	5-Year (m^3): **0.0000**
		a	SCMS	SCMS Prep			
		b	CTF	Commercial Thermal Treatment			
		c	SCDF	Disposal - Contact-Handled			
CH-ANL-218T		**ELECTROREFINER SALT**			Storage (m^3):	**0.0000**	5-Year (m^3): **10.0000**
		a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
			c	WIPP	Disposal - Remote-Handled			
CH-ANL-224	**CONTAMINATED HG-IBC CASK MAINTENANCE**					Storage (m^3):	**0.0984**	5-Year (m^3): **0.1000**
			a	SCMS	SCMS Prep			
			b	CMT	Commercial Mercury Treatment			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-241T	**TRU-CD-HOT CELL WASTE**					Storage (m^3):	**1.5010**	5-Year (m^3): **0.1000**
			a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
CH-ANL-244	**ICP WASTE SOLUTIONS W/ HEAVY METALS**					Storage (m^3):	**0.4164**	5-Year (m^3): **0.1000**
			a	TRANS	Transport - LLW			
			b	SCMS	Neutralization			
			c	SCMS	Stabilization			
			d	RWMC	Disposal - Contact-Handled			
CH-ANL-245T	**ELECTROREFINER CADMIUM**					Storage (m^3):	**0.0000**	5-Year (m^3): **0.1100**
			a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
CH-ANL-503	**SPENT HEPA FILTERS AND PRE-FILTERS**					Storage (m^3):	**26.4585**	5-Year (m^3): **4.0000**
			a	SCMS	SCMS Prep			
			b	CTF	Commercial Macroencapsulation			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-503T	**TRU WASTE USED PRE-FILTERS**					Storage (m^3):	**3.6246**	5-Year (m^3): **0.2200**
			a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
CH-ANL-505T	**ALHC UPGRADE DECON DEBRIS**					Storage (m^3):	**4.7195**	5-Year (m^3): **0.0100**
			a	AMWTP	Private Unit			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Contact-Handled			
CH-ANL-506	**SODIUM STORED IN BLDG 703 & OTHER AREAS**					Storage (m^3):	**4.0882**	5-Year (m^3): **0.0000**
			a	SCMS	Open/Melt/Drain			
			b	SPF	Water Reaction (Na to NaOH)			
			c	RWMC	Disposal - Contact-Handled			
CH-ANL-553	**WCA MIXED WASTE**					Storage (m^3):	**15.8230**	5-Year (m^3): **21.0000**
			a	SCMS	SCMS Prep			
			b	CTF	Commercial Thermal Treatment			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-554	**LEAD-CONTAMINATED DEBRIS**					Storage (m^3):	**6.3638**	5-Year (m^3): **1.3000**
			a	SCMS	SCMS Prep			
			b	CTF	Commercial Macroencapsulation			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-660	**ANL-W MERCURY AND MERCURY DEBRIS**					Storage (m^3):	**0.6700**	5-Year (m^3): **0.0000**
			a	SCMS	SCMS Prep			
			b	CMT	Commercial Mercury Treatment			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-669	**MLLW Cd: FCF MODIFICATION AND ER WORK**					Storage (m^3):	**0.0000**	5-Year (m^3): **2.5000**
			a	SCMS	SCMS Prep			
			b	CTF	Commercial Macroencapsulation			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-683	**LABORATORY CORROSIVE WASTE W/ METALS**					Storage (m^3):	**0.8061**	5-Year (m^3): **1.0500**
			a	TRANS	Transport - LLW			
			b	SCMS	Neutralization			
			c	SCMS	Stabilization			
			d	RWMC	Disposal - Contact-Handled			
CH-ANL-691	**TREAT/PHP STACK CONDENSATE WATER**					Storage (m^3):	**0.0000**	5-Year (m^3): **0.0000**
			a	SCMS	Stabilization			
			b	SCDF	Disposal - Contact-Handled			
CH-ANL-711	**EML ETCHING SOLUTION**					Storage (m^3):	**0.0000**	5-Year (m^3): **0.3000**
			a	TRANS	Transport - LLW			
			b	SCMS	Neutralization			
			c	SCMS	Stabilization			
			d	RWMC	Disposal - Contact-Handled			
CH-ANL-712	**ANL-W ETCHING SOLUTIONS:**					Storage (m^3):	**0.0000**	5-Year (m^3): **0.1000**
			a	TRANS	Transport - LLW			
			b	SCMS	Neutralization			
			c	SCMS	Stabilization			
			d	RWMC	Disposal - Contact-Handled			
CH-ANL-716	**DEBRIS AND/OR SOLIDS W/HEAVY METALS**					Storage (m^3):	**0.3269**	5-Year (m^3): **1.0500**
			a	SCMS	SCMS Prep			
			b	CTF	Commercial Macroencapsulation			
			c	SCDF	Disposal - Contact-Handled			
CH-ANL-722	**LITHIUM HYDRIDE**					Storage (m^3):	**2.2613**	5-Year (m^3): **0.0000**
			a	TRANS	Transport - LLW			
			b	SCMS	DEACT			
			c	RWMC	Disposal - Contact-Handled			
ID-AEO-100	**GENERAL PLANT WASTE**					Storage (m^3):	**371.0000**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-AEO-100T	**GENERAL PLANT WASTE**					Storage (m^3):	**770.0940**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-101	**CUT UP GLOVEBOXES**					Storage (m^3):	**38.5000**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-101T	**CUT UP GLOVEBOXES**					Storage (m^3):	**211.8500**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-102	**ABSORBED LIQUIDS**					Storage (m^3):	**13.4640**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-102T	**ABSORBED LIQUIDS**					Storage (m^3):	**54.2960**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-105T	**EMPTY BOTTLES AND ABSORBENTS**					Storage (m^3):	**1.4840**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-106T	**SPECIAL SOURCE MATERIAL**					Storage (m^3):	**0.2120**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-107T	**REMOTE-HANDLED WASTE**					Storage (m^3):	**24.7400**	5-Year (m^3): **0.0000**
			a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-AEO-110T	**RESEARCH-GENERATED WASTE COMPACT. & COMB.**					Storage (m^3):	**3.5940**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
			d	WIPP	Disposal - Contact-Handled			
ID-AEO-120T	**COMPACTIBLE AND COMBUSTIBLE WASTE**					Storage (m^3):	**0.4240**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-ANL-160T	**ANL-W HFEF ANALYTICAL CHEMISTRY AND META**					Storage (m^3):	**0.2120**	5-Year (m^3): **0.0000**
			a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-ANL-161	**ANL-W ANALYTICAL CHEMISTRY LAB GLASSWARE**					Storage (m^3):	**1.0600**	5-Year (m^3): **0.0000**
RH		40.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
CH		60.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-ANL-162T	**ANL-W FMF EFL Zr-U FUEL CASTING ALLOYS R**					Storage (m^3):	**10.5820**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-ANL-163T	**ANL-W ACL COLD-LINE ABSORBED LIQUID, MIS**					Storage (m^3):	**1.2720**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-201	**NONCOMBUSTIBLE SOLIDS**					Storage (m^3):	**80.5000**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-201T	**NONCOMBUSTIBLE SOLIDS**					Storage (m^3):	**64.9040**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-202	**COMBUSTIBLE SOLIDS**					Storage (m^3):	**14.0000**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-202T	**COMBUSTIBLE SOLIDS**				Storage (m^3):	**4.1360**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-203	**PAPER, METALS, GLASS**				Storage (m^3):	**21.0000**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-203T	**PAPER, METALS, GLASS**				Storage (m^3):	**5.5120**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-204	**SOLIDIFIED SOLUTIONS**				Storage (m^3):	**0.6360**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BCO-204T	**SOLIDIFIED SOLUTIONS**				Storage (m^3):	**0.8480**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BTO-010	**RAGS, GLOVES, POLY**				Storage (m^3):	**33.7080**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BTO-010T	**RAGS, GLOVES, POLY**				Storage (m^3):	**165.5720**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-BTO-020	**NONCOMPRESSIBLE, NONCOMBUSTIBLE**				Storage (m^3):	**62.3280**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-BTO-020T	**NONCOMPRESSIBLE, NONCOMBUSTIBLE**			Storage (m^3):	**106.0000**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-BTO-030	**SOLIDIFIED GRINDING SLUDGE, ETC.**			Storage (m^3):	**0.4240**	5-Year (m^3):	**0.0000**
		a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-BTO-030T	**SOLIDIFIED GRINDING SLUDGE, ETC.**			Storage (m^3):	**9.5400**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-BTO-040T	**SOLID BINARY SCRAP POWDER, ETC.**			Storage (m^3):	**36.4640**	5-Year (m^3):	**0.0000**
CH	57.15	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	42.85	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-CFA-103	**LIQUID LAB WASTE W/ METALS AND ORGANICS**			Storage (m^3):	**0.2271**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-107	**ARA-IV SUMP SLUDGE**			Storage (m^3):	**0.4921**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-108	**Ba AND Cd CALIBRATION SOURCES**			Storage (m^3):	**0.0189**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-121	**HEAVY METAL LIQUID LAB WASTES**			Storage (m^3):	**0.1136**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-256	**METHANOL SOLUTION**			Storage (m^3):	**0.0871**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-259	**RADIOACTIVE PCB OIL W/ TCLP ORGANICS**			Storage (m^3):	**0.4164**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-CFA-533	**ARA-I D&D NONCOMPACTIBLE LEAD**			Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-551	**HDEHP/HEPTANE EXTRACTANT**			Storage (m^3):	**0.2385**	5-Year (m^3):	**0.0500**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-556	**AQUEOUS WASTE SUBJECT TO UHCS**			Storage (m^3):	**1.0221**	5-Year (m^3):	**0.0000**
Non-debris	93.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
Hg Contaminated	7.00	a	CMT	Commercial Mercury Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-661	**ELECTRICAL COMPONENTS W/ LEAD**			Storage (m^3):	**3.6459**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-662	**SCINTILLATION COCKTAILS**			Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0030**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-664	**EDTA AND LEAD**			Storage (m^3):	**0.3028**	5-Year (m^3):	**0.0050**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-667	**MIXED LEAD**			Storage (m^3):	**0.0606**	5-Year (m^3):	**0.1500**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-676	**RESIN COLUMN MEDIA**			Storage (m^3):	**0.1136**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-677	**DEMINERALIZER FILTER**			Storage (m^3):	**0.1136**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-688	**ARA-1 SOILS W/LEAD**			Storage (m^3):	**0.0000**	5-Year (m^3):	**5.7000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-695	**ARA-II SEPTIC TANK SOLIDIFIED SLUDGE**			Storage (m^3):	**1.4574**	5-Year (m^3):	**1.5000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-701	**PAINT RESIDUE CONTAMINATED W/ PCBs**			Storage (m^3):	**0.1514**	5-Year (m^3):	**0.0100**
		a	TRANS	Transport - LLW			
		b	TSCA	Incineration			
		c	TRANS	Transport – LLW			
		d	CTF	Commercial Stabilization			
		e	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-CFA-702	**ARA-1 D&D PPE and PIPING/DRAINS**				Storage (m^3):	**1.3060**	5-Year (m^3): **1.0000**
Organic Debris	5.00	a	TRANS	Transport - LLW			
		b	TSCA	Incineration			
		c	TRANS	Transport - LLW			
		d	CTF	Commercial Stabilization			
		e	SCDF	Disposal - Contact-Handled			
Inorganic Debris	95.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-705	**VERMICULITE WITH GREASE**				Storage (m^3):	**0.2082**	5-Year (m^3): **0.1000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-CFA-734	**XYLENE, ALIQUOT 336 WITH PERCHLORATE**				Storage (m^3):	**0.2082**	5-Year (m^3): **0.0050**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-INL-117	**CONTAMINATED CADMIUM SHEETING**				Storage (m^3):	**0.8328**	5-Year (m^3): **0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-INL-142	**LEAD-CONTAMINATED DEBRIS**				Storage (m^3):	**29.8507**	5-Year (m^3): **7.5212**
	33.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
	0.50	a	CTF	TSCA/PCB Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
	66.00	a	SCDF	Direct Disposal at SCDF			
	0.50	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal – Contact Handled			
ID-INL-142T	**TRANSURANIC-CONTAMINATED LEAD DEBRIS**				Storage (m^3):	**12.1200**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-INL-143	**RADIOACTIVELY CONTAMINATED LEAD**				Storage (m^3):	**47.2769**	5-Year (m^3): **95.9795**
	96.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
	4.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-INL-150	**LABORATORY WASTE**				Storage (m^3):	**3.8160**	5-Year (m^3):	**0.0000**
RH		55.56	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
CH		44.44	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-INL-150T	**LABORATORY WASTE**				Storage (m^3):	**27.4890**	5-Year (m^3):	**0.0000**
CH		83.80	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		16.20	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-INL-155	**SCRAP**				Storage (m^3):	**4.4420**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-INL-155T	**SCRAP**				Storage (m^3):	**15.0080**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-INL-157T	**MISCELLANEOUS SOURCES**				Storage (m^3):	**3.8120**	5-Year (m^3):	**0.0000**
RH		77.78	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
CH		22.22	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-INL-187	**S1G SODIUM**				Storage (m^3):	**2.7406**	5-Year (m^3):	**0.0000**
			a	SCMS	Neutralization			
			b	SCMS	Stabilization			
			c	SCDF	Disposal - Contact-Handled			
ID-INL-213	**MERCURY-CONTAMINATED DEBRIS & ASBESTOS**				Storage (m^3):	**0.9083**	5-Year (m^3):	**0.0000**
Hg contaminated		76.00	a	CMT	Commercial Mercury Treatment			
			b	SCDF	Disposal - Contact-Handled			
Non-debris		24.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-INL-266	**WERF MONITOR DEBRIS**				Storage (m^3):	**5.4369**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-267	**PWTU SPENT FILTERS**				Storage (m^3):	**0.4429**	5-Year (m^3):	**1.4000**
		95.00	a	CTF	Commercial Mercury Treatment			
			b	SCDF	Disposal - Contact-Handled			
		5.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-270	**HEAVY METAL-CONTAMINATED SOLIDS**				Storage (m^3):	**0.3596**	5-Year (m^3):	**0.4000**
		95.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		5.00	a	CMT	Commercial Mercury Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-289	**MISC. LABORATORY WASTES**				Storage (m^3):	**1.6618**	5-Year (m^3):	**1.2042**
Combustible		30.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
Non-Combustible		50.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
Debris		20.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-299	**SAMPLE WASTE**				Storage (m^3):	**4.6522**	5-Year (m^3):	**0.9910**
		5.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
		19.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
		70.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		6.00	a	CMT	Commercial Mercury Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-687	**LEGACY SAMPLES**				Storage (m^3):	**1.2331**	5-Year (m^3):	**1.0000**
		69.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		11.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
		18.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
		2.00	a	CTF	TSCA/PCB Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-694	**RETURNED SAMPLING RESIDUE**				Storage (m^3):	**0.3975**	5-Year (m^3):	**0.0000**
Organics		5.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
Non-debris		75.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
Mercury Waste		5.00	a	CMT	Commercial Mercury Treatment			
			b	SCDF	Disposal - Contact-Handled			
Debris		10.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
Direct Dispose		5.00	a	DD	Direct Disposal at SCDF			
ID-INL-700	**PCB-CONTAMINATED DEBRIS AND RESIDUE**					Storage (m^3):	**1.3362**	5-Year (m^3): **1.9000**
		7.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		93.00	a	CTF	TSCA/PCB Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-710	**MLLW FLOOR STRIPPING MATERIALS**					Storage (m^3):	**0.0757**	5-Year (m^3): **0.0000**
		75.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		25.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal – Contact-Handled			
ID-INL-724	**MIXED LOW-LEVEL LIQUIDS**					Storage (m^3):	**0.8517**	5-Year (m^3): **0.0000**
		75.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		25.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-725	**LISTED DEBRIS**					Storage (m^3):	**2.4794**	5-Year (m^3): **0.0000**
Debris		90.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
Non-debris		10.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-INL-726	**MLLW OILS**					Storage (m^3):	**0.7760**	5-Year (m^3): **0.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-IRC-271	**BIOPROCESSING MIXED WASTE**					Storage (m^3):	**0.0000**	5-Year (m^3): **0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-IRC-501	**Cd AND Pb-CONTAMINATED SOIL, TRACE RAD**					Storage (m^3):	**0.1136**	5-Year (m^3): **0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-IRC-668	**BIOASSAY ANALYSIS WASTE**					Storage (m^3):	**0.0000**	5-Year (m^3): **9.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-MDO-801T	**RAGS, PAPER, WOOD, ETC.**					Storage (m^3):	**7.6300**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-MDO-802T	**DRY BOX GLOVES AND O-RINGS**				Storage (m^3):	**25.6520**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-803	**METAL, EQUIPMENT, PIPES, VALVES, ETC.**				Storage (m^3):	**2.7560**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-803T	**METAL, EQUIPMENT, PIPES, VALVES, ETC.**				Storage (m^3):	**35.4040**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-805T	**ASBESTOS FILTERS**				Storage (m^3):	**8.0560**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-810T	**GLASS, FLASKS, SAMPLE VIALS, ETC.**				Storage (m^3):	**2.7560**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-811T	**EVAPORATOR AND DISSOLVER SLUDGE**				Storage (m^3):	**0.8480**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-813T	**GLASS FILTERS AND FIBERGLASS**				Storage (m^3):	**0.6360**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-814T	**CONTAMINATED MERCURY OR GRAPHITE CRUCIBLE**				Storage (m^3):	**0.4240**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-815T	**CLASSIFIED PARTS**				Storage (m^3):	**0.4240**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport – TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-MDO-824	**NONCOMBUSTIBLE EQUIPMENT BOXES**				Storage (m^3):	**836.8800**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-824T	**NONCOMBUSTIBLE EQUIPMENT BOXES**				Storage (m^3):	**370.8900**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-826	**COMBUSTIBLE EQUIPMENT BOXES OR FLOOR SWE.**				Storage (m^3):	**9.9340**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-826T	**COMBUSTIBLE EQUIPMENT BOXES OR FLOOR SWE.**				Storage (m^3):	**79.8860**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-827T	**COMBUSTIBLE EQUIPMENT DRUMS**				Storage (m^3):	**1.9080**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-834	**HIGH-LEVEL ACID**				Storage (m^3):	**39.8560**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-834T	**HIGH-LEVEL ACID**				Storage (m^3):	**151.1560**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-835	**HIGH-LEVEL CAUSTIC**				Storage (m^3):	**178.9280**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-MDO-835T	**HIGH-LEVEL CAUSTIC**				Storage (m^3):	**176.1720**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-836	**HIGH-LEVEL SLUDGE/CEMENT**				Storage (m^3):	**880.2240**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-836T	**HIGH-LEVEL SLUDGE/CEMENT**				Storage (m^3):	**5.5120**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-838	**<10 nCi/g NONCOMBUSTIBLE**				Storage (m^3):	**0.2120**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-842	**CONTAMINATED SOIL**				Storage (m^3):	**85.5900**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-842T	**CONTAMINATED SOIL**				Storage (m^3):	**38.0400**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-847	**LSA <100 nCi/g COMBUSTIBLE**				Storage (m^3):	**152.8520**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-847T	**LOW SPECIFIC ACTIVITY (<100 nCi/g) COMB.**				Storage (m^3):	**4.2400**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-MDO-848	**LSA <100 nCi/g NONCOMBUSTIBLE**				Storage (m^3):	**27.1360**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-MDO-848T	**LOW SPECIFIC ACTIVITY (<100 nCi/g) NONC.**				Storage (m^3):	**1.2720**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-OFS-111	**RESEARCH-GENERATED WASTE NONCOMPACTIBLE**				Storage (m^3):	**285.3320**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-OFS-111T	**RESEARCH-GENERATED WASTE NONCOMPACTIBLE**				Storage (m^3):	**553.5320**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-OFS-121	**DECONTAMINATION AND DECOMMISSIONING WASTE**				Storage (m^3):	**0.2120**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-OFS-121T	**DECONTAMINATION AND DECOMMISSIONING WASTE**				Storage (m^3):	**25.7800**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-PBF-147	**SOLIDIFIED WERF ASH (FAILED TCLP)**				Storage (m^3):	**10.5050**	5-Year (m^3): **0.0000**
	95.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
	5.00	a	SCDF	Direct Disposal – Contact-Handled			
ID-PBF-153	**TAN/IET HOT WASTE SLUDGE**				Storage (m^3):	**2.5173**	5-Year (m^3): **0.0000**
		a	CMT	Commercial Mercury Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-212	**Pb AND Cd-CONTAMINATED SOIL**				Storage (m^3):	**0.0757**	5-Year (m^3): **0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-261	**WERF BAGHOUSE BAGS (TEFLON)**				Storage (m^3):	**13.9578**	5-Year (m^3): **0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-263	**WERF HEPA FILTERS AND PREFILTERS**				Storage (m^3):	**20.2687**	5-Year (m^3): **16.3100**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-PBF-264	**WERF BAGHOUSE BAGS (BLUE MAX)**			Storage (m^3):	**17.6809**	5-Year (m^3):	**6.3000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-272	**URANIUM SPIKES AND LEAD**			Storage (m^3):	**0.0303**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-274	**WERF FLY ASH**			Storage (m^3):	**2.8542**	5-Year (m^3):	**4.2000**
MLLW	100.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-275	**WERF BOTTOM ASH**			Storage (m^3):	**1.3703**	5-Year (m^3):	**0.0000**
MLLW	100.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-277	**WERF SIZING BAGHOUSE DUST**			Storage (m^3):	**0.5380**	5-Year (m^3):	**1.0500**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-297	**TREATABILITY STUDY RESIDUES**			Storage (m^3):	**2.7783**	5-Year (m^3):	**0.2400**
	79.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
	1.00	a	CMT	Commercial Mercury Treatment			
		b	SCDF	Disposal - Contact-Handled			
	7.00	a	CTF	TSCA/PCB Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
	11.00	a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
	2.00	d	CTF	Commercial Macroencapsulation			
		e	SCDF	Disposal - Contact-Handled			
ID-PBF-545	**CERCLA SOIL CONTAMINATED WITH CHROMIUM**			Storage (m^3):	**3.4447**	5-Year (m^3):	**0.0000**
	72.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
	28.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-549	**AQUEOUS LIQUID W/METALS AND PCBS**			Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-550	**MLLW FROM WERF OPERATIONS**			Storage (m^3):	**41.9595**	5-Year (m^3):	**201.7575**
Debris	98.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
Non-debris	1.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
LDR Compliant	1.00	a	DD	Direct Disposal at SCDF			
ID-PBF-678	**MWSF PIPING AND VALVES**			Storage (m^3):	**5.4861**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-PBF-681	**DEBRIS FROM HEAT EXCHANGER CHANGE-OUT**				Storage (m^3):	**4.4938**	5-Year (m^3): **7.0790**
refractory	75.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ash/clinkers	25.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-684	**RINSATE WATER**				Storage (m^3):	**0.0757**	5-Year (m^3): **0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-686	**MERCURY-CONTAMINATED RAGS**				Storage (m^3):	**0.0189**	5-Year (m^3): **0.0000**
		a	CMT	Commercial Mercury Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-714	**WERF INCINERATOR FLY ASH**				Storage (m^3):	**10.3569**	5-Year (m^3): **0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-PBF-715	**WERF INCINERATOR BOTTOM ASH**				Storage (m^3):	**13.6123**	5-Year (m^3): **0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-RFO-000	**NOT RECORDED - UNKNOWN**				Storage (m^3):	**136.7400**	5-Year (m^3): **0.0000**
CH	98.96	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	1.04	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-000T	**NOT RECORDED - UNKNOWN**				Storage (m^3):	**4,139.6560**	5-Year (m^3): **0.0000**
CH	99.96	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	0.04	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-001	**FIRST STAGE SLUDGE**				Storage (m^3):	**58.9260**	5-Year (m^3): **0.0000**
CH	98.11	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	1.89	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-001T	**FIRST STAGE SLUDGE**				Storage (m^3): **2,270.1840**	5-Year (m^3):	**0.0000**
CH	98.41	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	1.59	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-002	**SECOND STAGE SLUDGE**				Storage (m^3): **342.3800**	5-Year (m^3):	**0.0000**
CH	98.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	2.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-002T	**SECOND STAGE SLUDGE**				Storage (m^3): **1,293.4740**	5-Year (m^3):	**0.0000**
CH	98.40	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	1.60	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-003	**ORGANIC SETUPS, OIL SOLIDS**				Storage (m^3): **1,001.8520**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-003T	**ORGANIC SETUPS, OIL SOLIDS**				Storage (m^3): **569.3720**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-004	**SPECIAL SETUPS (CEMENT)**				Storage (m^3): **103.8800**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-004T	**SPECIAL SETUPS (CEMENT)**				Storage (m^3): **226.8300**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-005	**EVAPORATOR SALTS**				Storage (m^3):	**13.5580**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-005T	**EVAPORATOR SALTS**				Storage (m^3):	**0.6360**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-007	**BLDG 374 DRY SLUDGE**				Storage (m^3):	**464.2800**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-007T	**BLDG 374 DRY SLUDGE**				Storage (m^3):	**382.2760**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-090	**DIRT**				Storage (m^3):	**28.6200**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-112	**SOLIDIFIED ORGANICS**				Storage (m^3):	**5.0880**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-112T	**SOLIDIFIED ORGANICS**				Storage (m^3):	**164.0880**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-113	**SOLID LAB WASTE**				Storage (m^3):	**2.5440**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-113T	**SOLID LAB WASTE**				Storage (m^3):	**14.4160**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-114	**SOLIDIFIED PROCESS SOLIDS**					Storage (m^3):	**4.0280**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-114T	**SOLIDIFIED PROCESS SOLIDS**					Storage (m^3):	**70.8080**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-116	**COMBUSTIBLE WASTE**					Storage (m^3):	**371.1020**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-116T	**COMBUSTIBLE WASTE**					Storage (m^3):	**2,696.6060**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-117	**METAL WASTE**					Storage (m^3):	**147.5360**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-117T	**METAL WASTE**					Storage (m^3):	**1,520.1800**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-118	**GLASS WASTE**					Storage (m^3):	**6.3500**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-118T	**GLASS WASTE**					Storage (m^3):	**174.6071**	5-Year (m^3): **0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport – TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-119	**HEPA FILTER WASTE**				Storage (m^3):	**69.1640**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-119T	**HEPA FILTER WASTE**				Storage (m^3):	**383.2940**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-122	**INORGANIC SOLID WASTE**				Storage (m^3):	**12.2960**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-122T	**INORGANIC SOLID WASTE**				Storage (m^3):	**18.2320**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-123	**LEADED RUBBER**				Storage (m^3):	**2.3320**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-123T	**LEADED RUBBER**				Storage (m^3):	**63.8100**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-241	**AMERICIUM PROCESS RESIDUE**				Storage (m^3):	**24.1680**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-241T	**AMERICIUM PROCESS RESIDUE**				Storage (m^3):	**1.0600**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-290	**FILTER SLUDGE**				Storage (m^3):	**0.2120**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-292	**CEMENTED SLUDGE**				Storage (m^3):	**4.8760**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-292T	**CEMENTED SLUDGE**				Storage (m^3):	**110.4520**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-301	**GRAPHITE CORES**				Storage (m^3):	**1.2720**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-301T	**GRAPHITE CORES**				Storage (m^3):	**5.9436**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-302	**BENELEX AND PLEXIGLASS**				Storage (m^3):	**55.3740**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-302T	**BENELEX AND PLEXIGLASS**				Storage (m^3):	**22.2000**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-312T	**COARSE GRAPHITE**				Storage (m^3):	**0.6588**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-320	**HEAVY NONSPECIAL SOURCE METAL**				Storage (m^3):	**28.6200**	5-Year (m^3):	**0.0000**
CH		90.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		10.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-320T	**HEAVY NONSPECIAL SOURCE METAL**				Storage (m^3): **74.6040**	5-Year (m^3):	**0.0000**
CH	90.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	10.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-328	**FULFLO INCINERATOR FILTERS**				Storage (m^3): **0.2120**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-328T	**FULFLO INCINERATOR FILTERS**				Storage (m^3): **1.4840**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-330	**DRY PAPER AND RAGS**				Storage (m^3): **3,150.6300**	5-Year (m^3):	**0.0000**
CH	97.15	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	2.85	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-330T	**DRY PAPER AND RAGS**				Storage (m^3): **5,774.6440**	5-Year (m^3):	**0.0000**
CH	99.09	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	0.91	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-335	**ABSOLUTE 8 X 8 FILTERS**				Storage (m^3): **16.5360**	5-Year (m^3):	**0.0000**
CH	95.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	5.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-335T	**ABSOLUTE 8 X 8 FILTERS**				Storage (m^3):	**26.2380**	5-Year (m^3): **0.0000**
CH	95.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	5.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-336	**MOIST PAPER AND RAGS**				Storage (m^3):	**1,452.4040**	5-Year (m^3): **0.0000**
CH	90.48	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	9.52	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-336T	**MOIST PAPER AND RAGS**				Storage (m^3):	**778.3400**	5-Year (m^3): **0.0000**
CH	92.75	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	7.25	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-337	**PLASTICS, TEFLON, WASH, PVC**				Storage (m^3):	**352.9400**	5-Year (m^3): **0.0000**
CH	99.04	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	0.96	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-337T	**PLASTICS, TEFLON, WASH, PVC**				Storage (m^3):	**170.3780**	5-Year (m^3): **0.0000**
CH	99.31	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	0.69	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-338	**INSULATION AND CHEMICAL WARFARE SERVICE**				Storage (m^3):	**240.7380**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-338T	**INSULATION AND CHEMICAL WARFARE SERVICE**				Storage (m^3):	**60.1580**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-339	**LEADED RUBBER GLOVES AND APRONS**				Storage (m^3):	**4.8760**	5-Year (m^3): **0.0000**
CH	90.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	10.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-339T	**LEADED RUBBER GLOVES AND APRONS**				Storage (m^3):	**160.2320**	5-Year (m^3): **0.0000**
CH	92.63	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	7.37	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-360	**INSULATION**				Storage (m^3):	**50.4460**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-360T	**INSULATION**				Storage (m^3):	**3.3920**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-371	**FIREBRICK**				Storage (m^3):	**183.4820**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-371T	**FIREBRICK**				Storage (m^3):	**111.3820**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-374	**BLACKTOP, CONCRETE, DIRT, AND SAND**				Storage (m^3):	**368.0360**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-374T	**BLACKTOP, CONCRETE, DIRT, AND SAND**				Storage (m^3):	**53.1520**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-375	**OIL-DRI RESIDUE FROM INCINERATOR**				Storage (m^3):	**3.1800**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-375T	**OIL-DRI RESIDUE FROM INCINERATOR**				Storage (m^3):	**0.8480**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-376	**CEMENTED INSULATION FILTER MEDIA**				Storage (m^3):	**94.7440**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-376T	**CEMENTED INSULATION AND FILTER MEDIA**				Storage (m^3):	**422.3322**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-409T	**MOLTEN SALTS - 30% UNPULVERIZED**				Storage (m^3):	**6.5720**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-414T	**DIRECT OXIDE REDUCTION SALT**				Storage (m^3):	**1.0600**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-430	**UNLEACHED ION COLUMN RESIN**				Storage (m^3):	**1.9080**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-430T	**UNLEACHED ION COLUMN RESIN**				Storage (m^3):	**4.2400**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-431	**LEACHED RESIN**				Storage (m^3):	**0.4240**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-431T	**LEACHED RESIN**				Storage (m^3):	**0.8480**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-432	**LEACHED AND CEMENTED RESIN**				Storage (m^3):	**8.9040**	5-Year (m^3):	**0.0000**
CH		95.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		5.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-432T	**LEACHED AND CEMENTED RESIN**				Storage (m^3):	**51.5160**	5-Year (m^3):	**0.0000**
CH		96.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		4.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-440	**GLASS**				Storage (m^3):	**95.4000**	5-Year (m^3):	**0.0000**
CH		98.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		2.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-440T	**GLASS**				Storage (m^3):	**224.3841**	5-Year (m^3):	**0.0000**
CH		98.67	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		1.33	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-441	**UNLEACHED RASHIG RINGS**				Storage (m^3):	**164.7240**	5-Year (m^3):	**0.0000**
CH		99.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		1.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-441T	**UNLEACHED RASHIG RINGS**				Storage (m^3):	**168.9640**	5-Year (m^3):	**0.0000**
CH		99.20	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		0.80	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-442	**LEACHED RASHIG RINGS**				Storage (m^3):	**138.4360**	5-Year (m^3):	**0.0000**
CH		99.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		1.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-442T	**LEACHED RASHIG RINGS**				Storage (m^3):	**118.6897**	5-Year (m^3):	**0.0000**
CH		99.51	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		0.49	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-460T	**WASHABLES, RUBBER, PLASTICS**				Storage (m^3):	**1.2720**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport – TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-463	**LEADED RUBBER GLOVES AND APRONS**				Storage (m^3):	**1.0600**	5-Year (m^3): **0.0000**
CH	90.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	10.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-463T	**LEADED RUBBER GLOVES AND APRONS**				Storage (m^3):	**10.1760**	5-Year (m^3): **0.0000**
CH	92.00	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	8.00	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-464	**BENELEX AND PLEXIGLASS**				Storage (m^3):	**3.8160**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-464T	**BENELEX AND PLEXIGLASS**				Storage (m^3):	**6.1480**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-480	**NONSPECIAL SOURCE METAL**				Storage (m^3):	**6,688.0340**	5-Year (m^3): **0.0000**
CH	99.50	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	0.50	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-480T	**NONSPECIAL SOURCE METAL**				Storage (m^3):	**5,191.5955**	5-Year (m^3): **0.0000**
CH	99.68	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	0.32	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-481	**LEACHED NONSPECIAL SOURCE METAL**				Storage (m^3):	**164.3340**	5-Year (m^3): **0.0000**
CH	98.76	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	1.24	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-481T	**LEACHED NONSPECIAL SOURCE METAL**				Storage (m^3):	**436.3399**	5-Year (m^3): **0.0000**
CH	98.66	a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
RH	1.34	a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-RFO-490	**CHEMICAL WARFARE SERVICE FILTERS**				Storage (m^3):	**873.4460**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-490T	**CHEMICAL WARFARE SERVICE FILTERS**				Storage (m^3):	**2,512.3760**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-700T	**ORGANIC AND SLUDGE IMMOBILIZATION SYSTEM**				Storage (m^3):	**1.9080**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-900	**LOW SPECIFIC ACTIVITY PLASTICS, PAPER, ETC.**				Storage (m^3):	**92.3720**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-900T	**LOW SPECIFIC ACTIVITY PLASTICS, PAPER, ETC.**				Storage (m^3):	**0.8480**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-RFO-950	**LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.**				Storage (m^3):	**1,064.9780**	5-Year (m^3): **0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-950T	**LOW SPECIFIC ACTIVITY METAL, GLASS, ETC.**				Storage (m^3):	**13.9520**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-970	**WOOD**				Storage (m^3):	**91.3040**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-970T	**WOOD**				Storage (m^3):	**109.9000**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-976	**BLDG 776 PROCESS SLUDGE**				Storage (m^3):	**63.8240**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-976T	**BLDG 776 PROCESS SLUDGE**				Storage (m^3):	**1.0600**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-978	**LAUNDRY SLUDGE**				Storage (m^3):	**25.3600**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-978T	**LAUNDRY SLUDGE**				Storage (m^3):	**9.5100**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-980T	**FILTER SLUDGE**				Storage (m^3):	**0.2120**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport – TRUPACT			
			d	WIPP	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-RFO-990	**DIRT**				Storage (m^3):	**99.6400**	5-Year (m^3):	**0.0000**
			a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
ID-RFO-9999	**PRE-73 DRUMS**				Storage (m^3):	**2,993.6520**	5-Year (m^3):	**0.0000**
CH		95.00	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		5.00	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RFO-9999T	**PRE-73 DRUMS**				Storage (m^3):	**4,492.4920**	5-Year (m^3):	**0.0000**
CH		95.46	a	SWEPP	Assay/Segregation			
			b	AMWTP	Private Unit			
			c	TRANS	Transport - TRUPACT			
			d	WIPP	Disposal - Contact-Handled			
RH		4.54	a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-RWM-255	**MERCURY-CONTAMINATED SOIL**				Storage (m^3):	**2.2107**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-RWM-508	**EQUIPMENT PIT DECON WASTE**				Storage (m^3):	**0.2271**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-RWM-685	**HEPA FILTERS FROM DRUM VENT FACILITY**				Storage (m^3):	**5.4369**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-RWM-692	**NITRATE SALTS**				Storage (m^3):	**0.4164**	5-Year (m^3):	**0.4000**
Non-debris		100.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-133	**MISCELLANEOUS LAB WASTES**				Storage (m^3):	**0.9653**	5-Year (m^3):	**1.0000**
Debris		22.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
Incinerable		45.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
D002 Waste		33.00	a	SCMS	Neutralization			
			b	SCMS	Stabilization			
			c	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-SMC-301	**TCA STILL BOTTOMS**				Storage (m^3):	**0.5678**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-303	**MISCELLANEOUS PAINT WASTES**				Storage (m^3):	**1.9533**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-305	**HEAVY METAL-CONTAMINATED WASTE OILS**				Storage (m^3):	**0.3520**	5-Year (m^3):	**1.0000**
Organics		41.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
Non-Debris		59.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-400	**RAD-CONTAMINATED LEAD**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-411	**MIXED WASTE DEBRIS**				Storage (m^3):	**4.4195**	5-Year (m^3):	**12.0000**
		85.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
		15.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-507	**EUTECTIC SALT WITH LEAD (Pb)**				Storage (m^3):	**2.3091**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-528	**CADMIUM-CONTAMINATED MOP WATER**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-537	**MERCURY-CONTAMINATED MATERIALS**				Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-691	**NITRIC ACID**				Storage (m^3):	**0.4164**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-SMC-696	**LEGACY TCE AND CORROSIVE WATER**				Storage (m^3):	**0.0379**	5-Year (m^3):	**0.0038**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-124	**HTRE-3 Hg-CONTAMINATED CONCRETE WASTE**				Storage (m^3):	**7.3626**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Mercury Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-126	**HTRE-3 SPILL CLEANUP MATERIAL**				Storage (m^3):	**1.0410**	5-Year (m^3):	**0.0000**
		20.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
		80.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-TAN-161	**TAN TCLP SLUDGE (TCE, PCE)**			Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-162	**TAN DECON SOLVENT WASTES**			Storage (m^3):	**1.6959**	5-Year (m^3):	**0.0000**
Non-debris	50.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
Debris	50.00	a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-163	**TAN DECON HEAVY METAL SOLIDS AND DEBRIS**			Storage (m^3):	**0.3218**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-170	**IET LIQUID WASTE**			Storage (m^3):	**0.9577**	5-Year (m^3):	**0.0000**
Non-combustible	25.00	a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
Combustible	75.00	a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-188	**TURCO DECON SOLUTION (UNUSED)**			Storage (m^3):	**0.1136**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-200T	**AMERICIUM SOURCES**			Storage (m^3):	**0.2120**	5-Year (m^3):	**0.0000**
		a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-TAN-209	**TURCO DECON (OXIDIZER)**			Storage (m^3):	**0.4164**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-254	**HTRE-3 TREATMENT SLUDGE**			Storage (m^3):	**0.8328**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-413	**LEAD-CONTAMINATED SCRAP METAL**			Storage (m^3):	**1.8880**	5-Year (m^3):	**5.5000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-502	**ISV HEPA FILTERS**			Storage (m^3):	**0.3987**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-531	**LEAD SHIELDING LOFT MOBILE TEST ASSEMBLY**			Storage (m^3):	**0.2271**	5-Year (m^3):	**9.7000**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-TAN-534	**TAN-616 LEAD SHIELDING (PLATING)**			Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0500**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-TAN-547	**RADIOACTIVE CADMIUM SOURCES**				Storage (m^3):	**0.0303**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-548	**MACROENCAPSULATED LEAD SWARF**				Storage (m^3):	**5.4369**	5-Year (m^3):	**5.5000**
			a	DD	Direct Disposal at SCDF			
ID-TAN-557	**TAN-607 FLOOR SWEEPINGS & VAT RESIDUE**				Storage (m^3):	**0.1703**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-559	**GWTF AND PWTU WASTE**				Storage (m^3):	**23.6685**	5-Year (m^3):	**3.2000**
	Combustibles	7.00	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
	Debris	16.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
	LDR Compliant	77.00	a	DD	Direct Disposal at SCDF			
ID-TAN-666	**PCB-CONTAMINATED DEBRIS**				Storage (m^3):	**0.9766**	5-Year (m^3):	**0.0000**
			a	TRANS	Transport - LLW			
			b	TSCA	Incineration			
			c	TRANS	Transport - LLW			
			d	CTF	Commercial Stabilization			
			e	SCDF	Disposal - Contact-Handled			
ID-TAN-679	**TAN 648 RPSSA RAINWATER**				Storage (m^3):	**5.6970**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-709	**DRUM EVAPORATOR SOLIDS**				Storage (m^3):	**0.3142**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-718	**SAMPLING EQUIPMENT AND RESIDUE**				Storage (m^3):	**0.4921**	5-Year (m^3):	**0.5000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-721	**SILVER ZEOLITE**				Storage (m^3):	**2.9337**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TAN-723	**PAINT CHIPS WITH LEAD/PCBs**				Storage (m^3):	**0.0757**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-111	**CADMIUM-CONTAMINATED SOLIDS**				Storage (m^3):	**0.4467**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)	Volume %	Step	Facility Abbr.	Unit Name			
ID-TEC-131	**MERCURY-CONTAMINATED SOLIDS**			Storage (m^3):	**4.5425**	5-Year (m^3):	**0.0120**
Debris	54.00	a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
Hg. Contaminated	46.00	a	CMT	Commercial Mercury Treatment			
		b	SCDF	Disposal - Contact-Handled			
ID-TEC-151T	**SOLIDIFIED FUEL SLUDGE**			Storage (m^3):	**0.2280**	5-Year (m^3):	**0.0000**
		a	RTF	RH - Preparation/Treatment			
		b	TRANS	Transport - TRUPACT			
		c	WIPP	Disposal - Remote-Handled			
ID-TEC-154	**RADIOACTIVE-CONTAMINATED LEAD**			Storage (m^3):	**42.7770**	5-Year (m^3):	**0.9315**
		a	CTF	Commercial Macroencapsulation			
		b	SCDF	Disposal - Contact-Handled			
ID-TEC-156	**CHEM CELL RIP-OUT**			Storage (m^3):	**28.5300**	5-Year (m^3):	**0.0000**
		a	SWEPP	Assay/Segregation			
		b	AMWTP	Private Unit			
		c	TRANS	Transport - TRUPACT			
		d	WIPP	Disposal - Contact-Handled			
ID-TEC-160	**PCB-CONTAMINATED WASTE**			Storage (m^3):	**0.7571**	5-Year (m^3):	**0.6895**
		a	TRANS	Transport - LLW			
		b	TSCA	Incineration			
		c	TRANS	Transport - LLW			
		d	CTF	Commercial Stabilization			
		e	SCDF	Disposal - Contact-Handled			
ID-TEC-172	**HEPA FILTERS**			Storage (m^3):	**32.1558**	5-Year (m^3):	**18.6600**
		a	CPP659	Segregation			
		b	CPP659	Extraction - HEPA Filter Leach			
		c	RWMC	Disposal - Remote-Handled			
ID-TEC-173	**HIGH-LEVEL LIQUID WASTE**			Storage (m^3):	**3,786.0000**	5-Year (m^3):	**1,306.0000**
		a	NWCF	Calcination			
ID-TEC-174	**HIGH-LEVEL WASTE CALCINE SOLIDS**			Storage (m^3):	**4,386.0000**	5-Year (m^3):	**1,241.0000**
		a	ICPP	RH - Immobilization Facility			
		b	TRANS	Transport - HLW			
		c	NHLWR	Disposal - HLW Repository			
ID-TEC-201	**F002-CONTAMINATED SOLIDS**			Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
		a	CTF	Commercial Stabilization			
		b	SCDF	Disposal - Contact-Handled			
ID-TEC-217	**SCRUB PUMP RADIOACTIVE OIL**			Storage (m^3):	**0.6264**	5-Year (m^3):	**0.0945**
		a	CTF	Commercial Thermal Treatment			
		b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-TEC-300	**"A" CADMIUM RACKS**				Storage (m^3):	**37.6616**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-301	**LIQUID ACID/MERCURY MIXED WASTE**				Storage (m^3):	**0.3634**	5-Year (m^3):	**0.2600**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-302	**LIQUID HIGH CHLORIDE CORROSIVE MW**				Storage (m^3):	**7.7693**	5-Year (m^3):	**5.6630**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-304	**CONTAMINATED DEBRIS**				Storage (m^3):	**1741.9927**	5-Year (m^3):	**132.5886**
Combustibles		0.50	a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
Non-debris		0.50	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
Debris		99.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-305	**LLW APS HEPA FILTERS**				Storage (m^3):	**4.5307**	5-Year (m^3):	**40.2200**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-306	**D006-D011 CONTAMINATED SOLIDS**				Storage (m^3):	**1.7369**	5-Year (m^3):	**4.2500**
Non-debris		2.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
Debris		98.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-307	**CONTAMINATED LABORATORY RESIDUE**				Storage (m^3):	**0.6481**	5-Year (m^3):	**0.0945**
Debris		41.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
Non-Debris		59.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-308	**LET&D HEPA FILTERS**				Storage (m^3):	**2.2087**	5-Year (m^3):	**4.5000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-504	**NON-DEBRIS SOLIDS**				Storage (m^3):	**3.3949**	5-Year (m^3):	**5.9160**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-510	**DEBRIS TREATMENT RESIDUE - LISTED**				Storage (m^3):	**0.0000**	5-Year (m^3):	**5.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-TEC-511	**SLUDGE - LISTED**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
			a	RTF	RH - Preparation/Treatment			
			b	SCDF	Disposal - Remote-Handled			
ID-TEC-527	**CONTAMINATED SOIL - LISTED**				Storage (m^3):	**0.3404**	5-Year (m^3):	**0.7075**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-530	**D006-D011 CONTAMINATED NON-DEBRIS SOLIDS**				Storage (m^3):	**2.8115**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-552	**RADIOACTIVE LEAD WITH LISTED CODES**				Storage (m^3):	**6.3258**	5-Year (m^3):	**90.8316**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-670T	**MTRU LABORATORY ANALYTICAL WASTE**				Storage (m^3):	**4.8642**	5-Year (m^3):	**32.5000**
			a	AMWTP	Private Unit			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Contact-Handled			
ID-TEC-698	**SOIL, WOOD, CONCRETE, PPE**				Storage (m^3):	**0.0000**	5-Year (m^3):	**270.0000**
Debris		49.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
LDR Compliant		50.00	a	DD	Direct Disposal at SCDF			
Non-Debris		1.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-699T	**MIXED TRU WASTE FROM NWCF AND CSSF**				Storage (m^3):	**3.1916**	5-Year (m^3):	**2.8000**
			a	AMWTP	Private Unit			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Contact-Handled			
ID-TEC-708	**NWCF HEPA FILTER SAMPLE RESIDUES**				Storage (m^3):	**0.0379**	5-Year (m^3):	**0.0945**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-713	**TURCO DESCALER @ NWCF**				Storage (m^3):	**0.3218**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TEC-717	**SAMPLE RESIDUE FROM CERAMIC SAMPLING**				Storage (m^3):	**0.0379**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-127	**TRA SCINTILLATION COCKTAILS (ALPHA <10)**				Storage (m^3):	**0.2839**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-128	**LABORATORY EQUIPMENT AND DEBRIS**				Storage (m^3):	**0.6094**	5-Year (m^3):	**3.7850**
Debris		13.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
Non-debris		87.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-TRA-157	**TRA WARM WASTE POND SAMPLES**				Storage (m^3):	**2.9526**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-253	**CADMIUM FUEL GRID**				Storage (m^3):	**27.7223**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-269	**ELECTRONIC BOARD & MISC. MACHINERY PARTS**				Storage (m^3):	**0.0681**	5-Year (m^3):	**0.7140**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-281	**ETR NONCOMPACTIBLE LEAD**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-282	**MTR D&D NONCOMPACTIBLE LEAD**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-291T	**TRU HEAVY METAL SLUDGE**				Storage (m^3):	**2.0820**	5-Year (m^3):	**0.0000**
			a	RTF	RH - Preparation/Treatment			
			b	TRANS	Transport - TRUPACT			
			c	WIPP	Disposal - Remote-Handled			
ID-TRA-294	**SOLVENT-CONTAMINATED RAGS**				Storage (m^3):	**0.2271**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-525	**SOLVENT EXTRACTANTS**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.1000**
			a	CTF	Commercial Thermal Treatment			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-526	**RADIOACTIVE METALS (Cr, Cd, Pb, Ba, etc.)**				Storage (m^3):	**0.0757**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-667	**PCB ACID DIGESTION RESIDUE**				Storage (m^3):	**0.0303**	5-Year (m^3):	**0.0000**
			a	TRANS	Transport - LLW			
			b	TSCA	Incineration			
			c	TRANS	Transport - LLW			
			d	CTF	Commercial Stabilization			
			e	SCDF	Disposal - Contact-Handled			
ID-TRA-693	**LEAD-CONTAMINATED PAINT CHIPS**				Storage (m^3):	**0.0189**	5-Year (m^3):	**1.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
ID-TRA-704	**ARMF AND CFRMF COMPONENTS AND SHIELDING**				Storage (m^3):	**4.0410**	5-Year (m^3):	**1.2500**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
ID-TRA-707	**NITRIC ACID FROM TMI FUEL FINES SAMPLES**				Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
			a	TRANS	Transport - LLW			
			b	SCMS	Neutralization			
			c	SCMS	Stabilization			
			d	RWMC	Disposal - Contact-Handled			
NR-NRF-117	**CADMIUM SHEETS**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0002**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-142	**LEAD-CONTAMINATED DEBRIS**				Storage (m^3):	**1.3855**	5-Year (m^3):	**5.1810**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-143	**RADIOACTIVE-CONTAMINATED LEAD (NRF)**				Storage (m^3):	**5.2887**	5-Year (m^3):	**8.4948**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-190	**LEAD FILINGS**				Storage (m^3):	**0.0379**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-514	**PAINT CHIPS**				Storage (m^3):	**1.3249**	5-Year (m^3):	**0.3028**
		99.00	a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
		1.00	a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-515	**LIQUID MERCURY**				Storage (m^3):	**0.0000**	5-Year (m^3):	**0.0000**
			a	AMWTP	Private Unit			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-517	**OIL WITH HEAVY METALS**				Storage (m^3):	**0.0189**	5-Year (m^3):	**0.8320**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-518	**WATER WITH HEAVY METALS**				Storage (m^3):	**0.3785**	5-Year (m^3):	**1.8900**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-520	**BRASS AND BRONZE**				Storage (m^3):	**5.3824**	5-Year (m^3):	**1.5000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			

Table 6-2. (continued).

Media Type (if more than one)		Volume %	Step	Facility Abbr.	Unit Name			
NR-NRF-665	**PAINT CHIPS W/ PCB AND RCRA CONSTITUENTS**				Storage (m^3):	**9.5619**	5-Year (m^3):	**26.7000**
			a	TRANS	Transport - LLW			
			b	TSCA	Incineration			
			c	TRANS	Transport - LLW			
			d	CTF	Commercial Stabilization			
			e	SCDF	Disposal - Contact-Handled			
NR-NRF-673	**HEAVY METAL DEBRIS**				Storage (m^3):	**21.5943**	5-Year (m^3):	**30.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-682	**MERCURY LIGHT BULBS**				Storage (m^3):	**0.6852**	5-Year (m^3):	**2.5000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-703	**CORROSIVE LIQUIDS WITH HEAVY METALS**				Storage (m^3):	**0.0000**	5-Year (m^3):	**3.0200**
			a	TRANS	Transport - LLW			
			b	SCMS	Neutralization			
			c	SCMS	Stabilization			
			d	RWMC	Disposal - Contact-Handled			
NR-NRF-706	**RH PARTICULATES WITH HEAVY METALS**				Storage (m^3):	**0.8517**	5-Year (m^3):	**0.5000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
NR-NRF-720	**CH MLLW PARTICLES CONTAINING HEAVY METAL**				Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
Offsite mixed waste treatment plans								
CN-W003	**LEAD AND/OR CHROMIUM-BASED PAINT CHIPS**				Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			
CN-W005	**Cd-PLATED METALS**				Storage (m^3):	**0.1136**	5-Year (m^3):	**0.0000**
			a	TRANS	Transport - LLW			
			b	WROC	Sizing			
			c	CTF	Commercial Stabilization			
			d	SCDF	Disposal - Contact-Handled			
CN-W006	**BRASS & BRONZE**				Storage (m^3):	**0.4921**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
KW-W014	**PCB-CONTAMINATED WASTE**				Storage (m^3):	**2.7633**	5-Year (m^3):	**0.0000**
			a	TRANS	Transport - LLW			
			b	AMWTP	Private Unit			
			c	SCDF	Disposal - Contact-Handled			
MI-W001	**SOLID WASTE WITH HEAVY METALS**				Storage (m^3):	**1.2492**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Macroencapsulation			
			b	SCDF	Disposal - Contact-Handled			
MI-W002	**SOLIDIFIED SOLUTION WITH HEAVY METALS**				Storage (m^3):	**1.2908**	5-Year (m^3):	**0.0000**
			a	CTF	Commercial Stabilization			
			b	SCDF	Disposal - Contact-Handled			

MI-W003	**PAINT CHIPS W/HEAVY METALS**				Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
	a	CTF	Commercial Stabilization					
	b	SCDF	Disposal - Contact-Handled					
MI-W004	**EQUIPMENT CONTAINING THALLIUM**				Storage (m^3):	**2.7184**	5-Year (m^3):	**0.0000**
	a	CTF	Commercial Macroencapsulation					
	b	SCDF	Disposal - Contact-Handled					
MI-W008	**BRASS AND BRONZE**				Storage (m^3):	**1.2492**	5-Year (m^3):	**0.0000**
	a	CTF	Commercial Macroencapsulation					
	b	SCDF	Disposal - Contact-Handled					
MI-W010	**BATTERIES AND FILM PACKS WITH MERCURY**				Storage (m^3):	**0.2082**	5-Year (m^3):	**0.0000**
	a	CTF	Commercial Macroencapsulation					
	b	SCDF	Disposal - Contact-Handled					
MI-W011	**MATERIALS CONTAINING PCBs**				Storage (m^3):	**0.4164**	5-Year (m^3):	**0.0000**
	a	DD	Direct Disposal at SCDF					
MI-W014	**INORGANIC DEBRIS W/HEAVY METALS W/O Hg**				Storage (m^3):	**1.0410**	5-Year (m^3):	**0.0000**
	a	CTF	Commercial Macroencapsulation					
	b	SCDF	Disposal - Contact-Handled					
RP-W001	**NE FAST REACTOR PHYSICS SODIUM**				Storage (m^3):	**5.4900**	5-Year (m^3):	**0.0000**
	a	TRANS	Transport - LLW					
	b	SCMS	Open/Melt/Drain					
	c	SPF	Water Reaction (Na to NaOH)					
	d	SCDF	Disposal - Contact-Handled					